

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078905.D
 Acq On : 1 May 2015 21:12
 Operator : TP/IZ
 Sample : PB83061BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83061BS

Quant Time: May 01 23:13:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

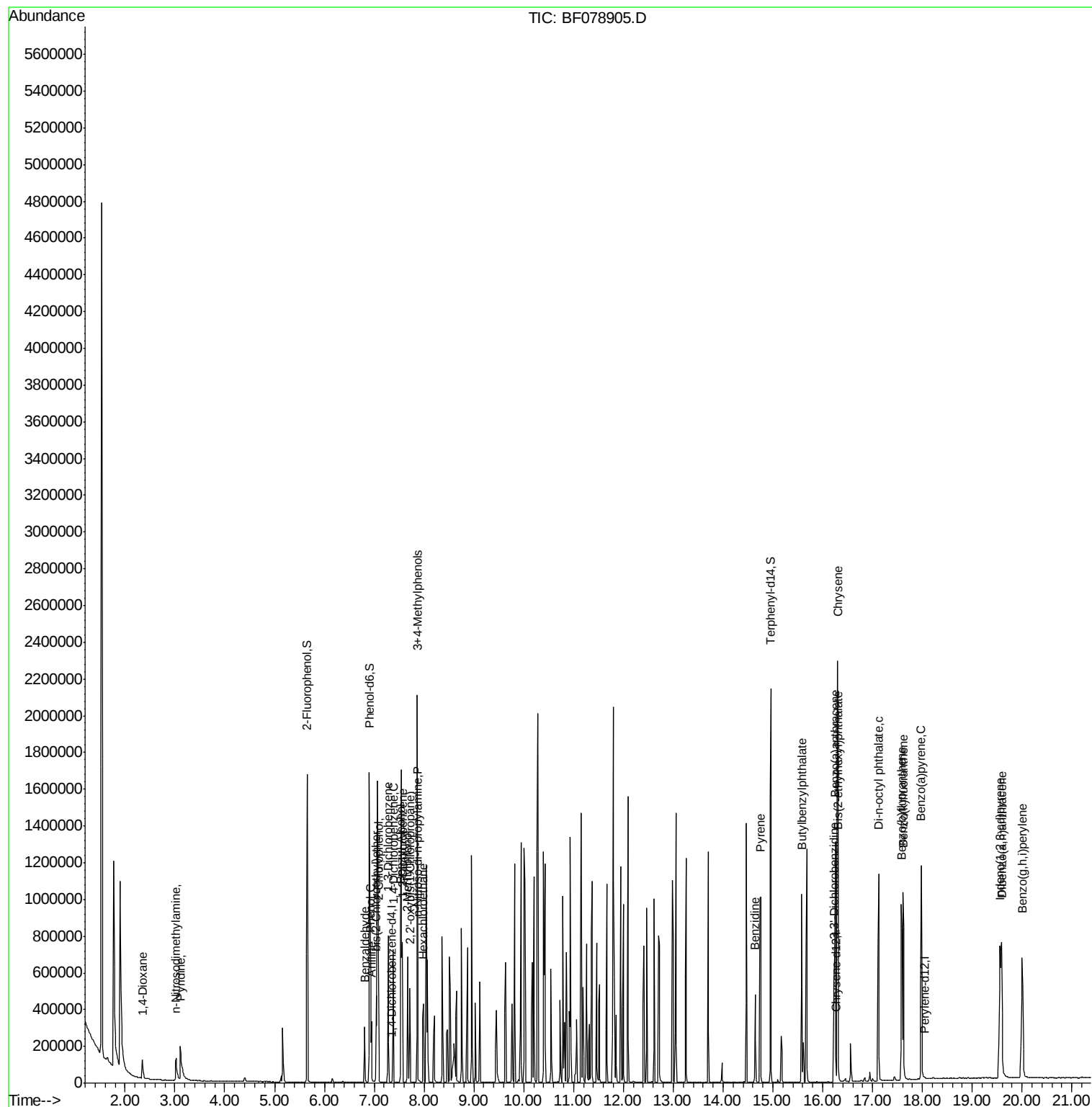
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	613	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.94
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-11.12
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.96
75) Chrysene-d12	16.26	240	307	20.00	ng	-0.02
86) Perylene-d12	18.05	264	587	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	505894	14205.99	ng	0.00
7) Phenol-d6	6.90	99	630791	13400.62	ng	0.00
23) Nitrobenzene-d5	8.04	82	362589	0.00	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	191955	0.00	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	793384	0.00	ng	0.00
78) Terphenyl-d14	14.96	244	934924	72910.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.35	88	60733	3922.44	ng	Qvalue # 39
3) Pyridine	3.11	79	183577	4051.27	ng	97
4) n-Nitrosodimethylamine	3.03	42	73117	3766.04	ng	93
6) Aniline	6.95	93	156381	2353.60	ng	98
8) 2-Chlorophenol	7.08	128	181344	4489.79	ng	99
9) Benzaldehyde	6.81	77	73582	2320.37	ng	99
10) Phenol	6.92	94	230347	4218.36	ng	93
11) bis(2-Chloroethyl)ether	7.04	93	166149	4150.54	ng	99
12) 1,3-Dichlorobenzene	7.28	146	188136	4144.12	ng	98
13) 1,4-Dichlorobenzene	7.38	146	192980	4130.57	ng	98
14) 1,2-Dichlorobenzene	7.56	146	185244	4259.08	ng	99
15) Benzyl Alcohol	7.53	79	147761	4228.59	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.71	45	266439	4350.40	ng	99
17) 2-Methylphenol	7.67	107	141429	4351.26	ng	96
18) Hexachloroethane	7.99	117	64815	4027.68	ng	87
19) n-Nitroso-di-n-propylamine	7.87	70	130476	4103.83	ng	# 79
20) 3+4-Methylphenols	7.86	107	189897	4384.67	ng	93
76) Benzidine	14.64	184	206458	24952.80	ng	100
77) Pvrene	14.75	202	643454	36372.32	ng	99
79) Butylbenzylphthalate	15.58	149	281970	36462.77	ng	# 85
80) Benzo(a)anthracene	16.25	228	602778	35854.65	ng	99
81) 3,3'-Dichlorobenzidine	16.23	252	151824	25353.42	ng	99
82) Chrysene	16.30	228	567838	35117.96	ng	99
83) Bis(2-ethylhexyl)phthalate	16.31	149	431470	36836.98	ng	99
84) Di-n-octyl phthalate	17.12	149	717329	34773.17	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.55	276	687758	33383.09	ng	# 100
87) Benzo(b)fluoranthene	17.58	252	596924	18578.65	ng	99
88) Benzo(k)fluoranthene	17.61	252	560101	18007.32	ng	99
89) Benzo(a)pyrene	17.98	252	564171	19069.95	ng	# 97
90) Dibenzo(a,h)anthracene	19.59	278	554917	17648.98	ng	99
91) Benzo(g,h,i)perylene	20.00	276	566509	17976.97	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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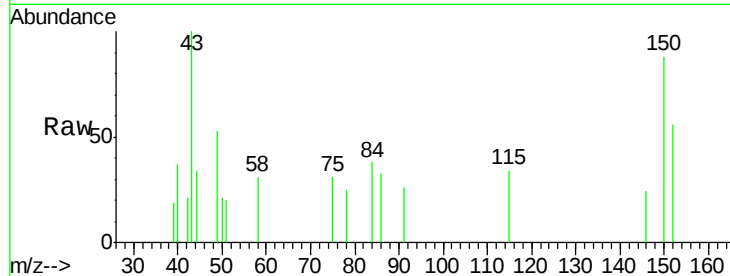


#1

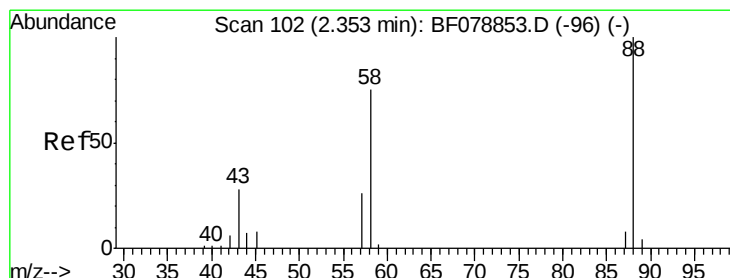
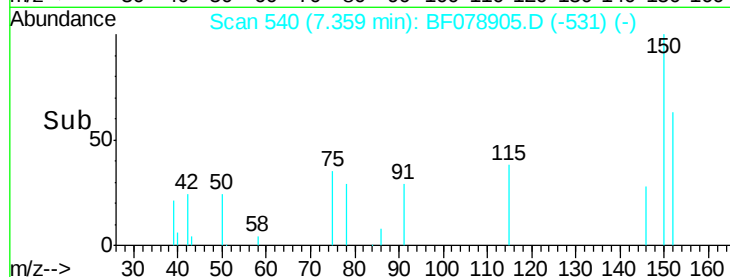
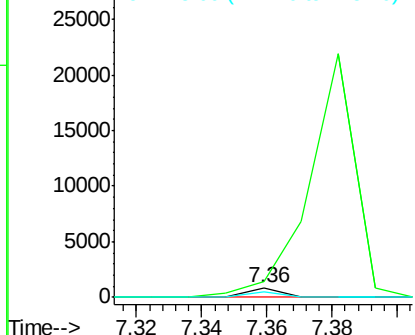
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Instrument :
BNA_F
ClientSampleId :
PB83061BS

Tot Ion:152 Resp: 613
Ion Ratio Lower Upper
152 100
150 157.8 122.0 183.0
115 60.7 46.3 69.5



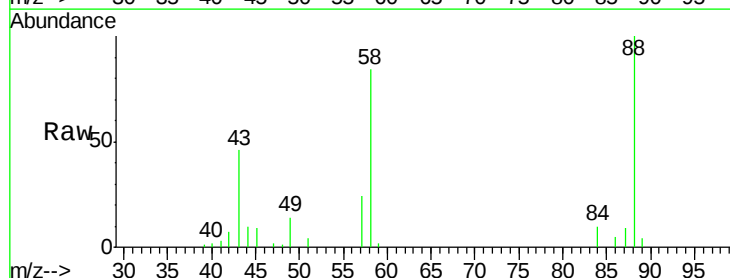
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



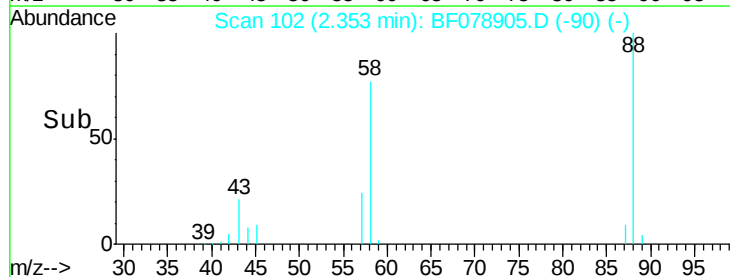
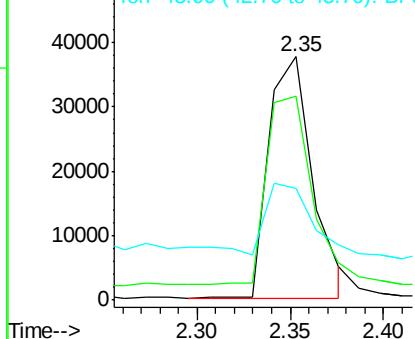
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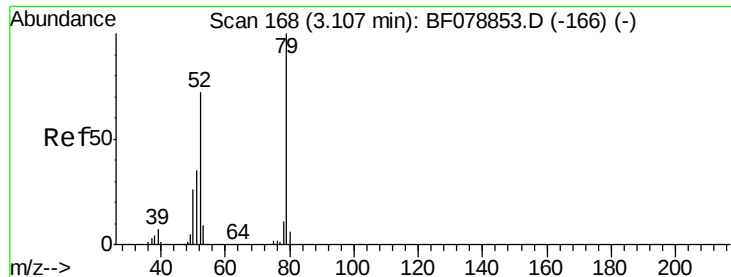
1,4-Dioxane
Concen: 3922.44 ng
RT: 2.35 min Scan# 102
Delta R.T. 0.03 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Tgt Ion: 88 Resp: 60733
Ion Ratio Lower Upper
88 100
58 80.3 0.0 0.0#
43 24.3 3.3 4.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 4051.27 ng

RT: 3.11 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

Instrument :

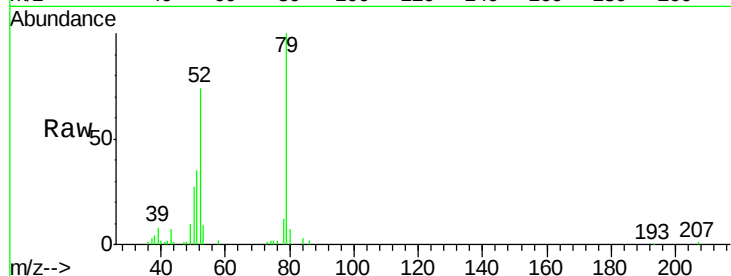
BNA_F

ClientSampleId :

PB83061BS

Tot Ion: 79 Resp: 183577

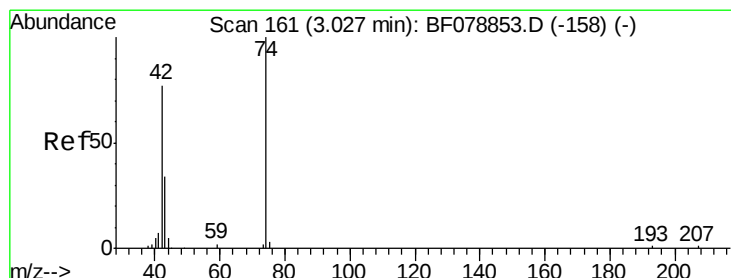
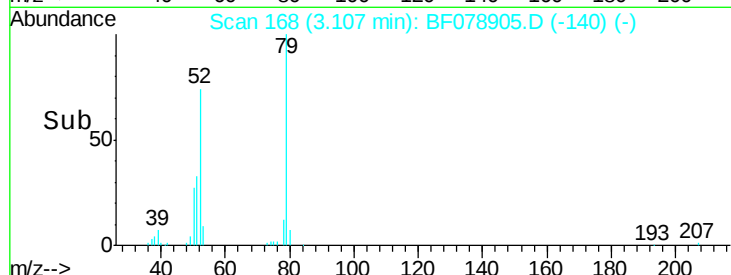
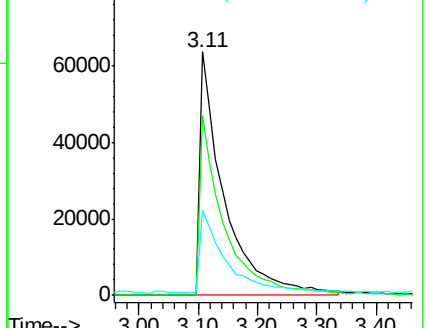
Ion	Ratio	Lower	Upper
79	100		
52	74.0	57.2	85.8
51	34.9	28.9	43.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 3766.04 ng

RT: 3.03 min Scan# 161

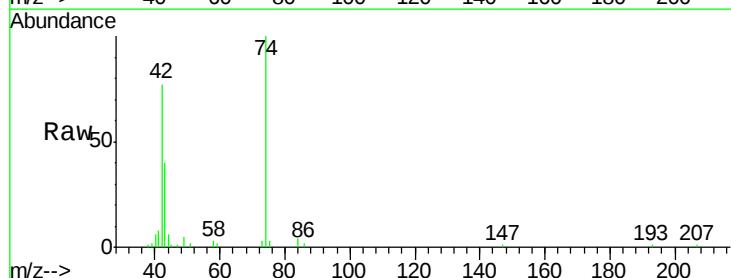
Delta R.T. 0.03 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

Tgt Ion: 42 Resp: 73117

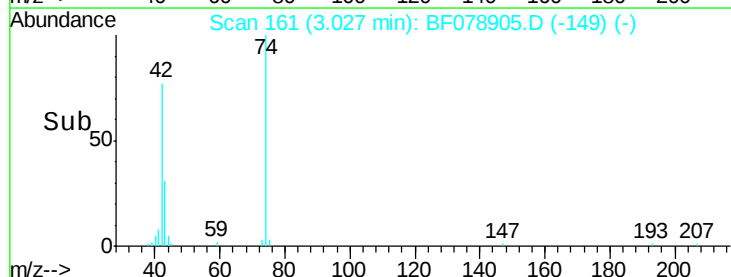
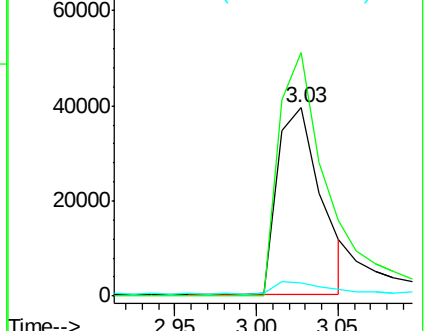
Ion	Ratio	Lower	Upper
42	100		
74	129.2	96.5	144.7
44	7.1	6.1	9.1

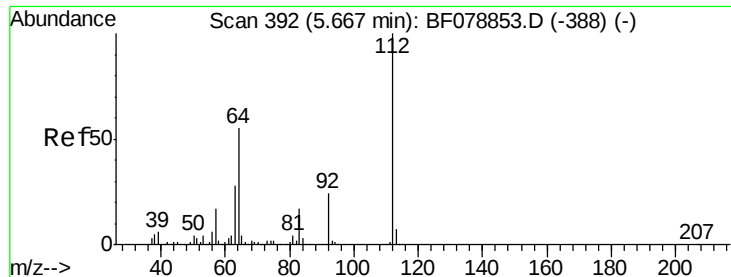


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 14205.99 ng

RT: 5.66 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

Instrument :

BNA_F

ClientSampleId :

PB83061BS

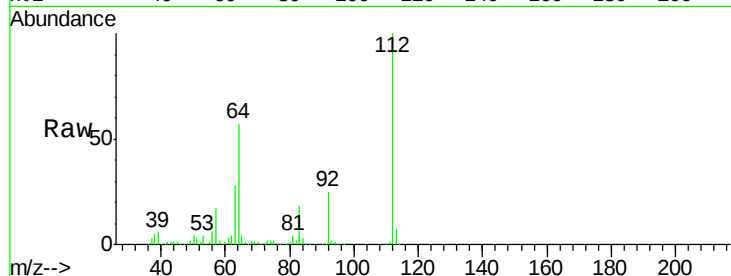
Tot Ion:112 Resp: 505894

Ion Ratio Lower Upper

112 100

64 56.9 53.5 80.3

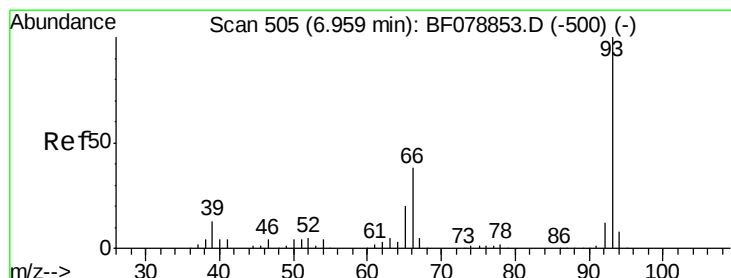
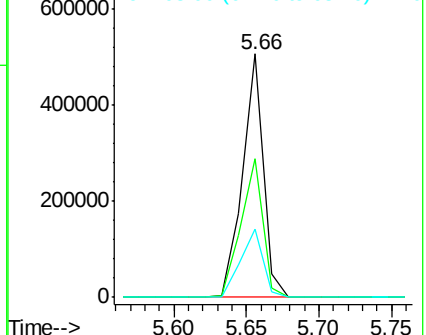
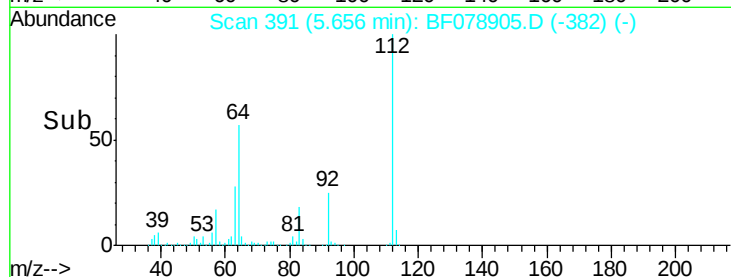
63 28.1 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2353.60 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

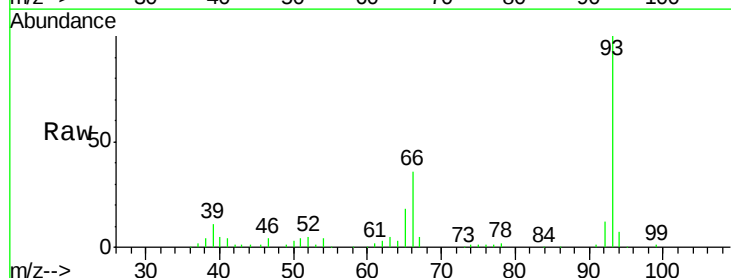
Tgt Ion: 93 Resp: 156381

Ion Ratio Lower Upper

93 100

66 35.6 29.7 44.5

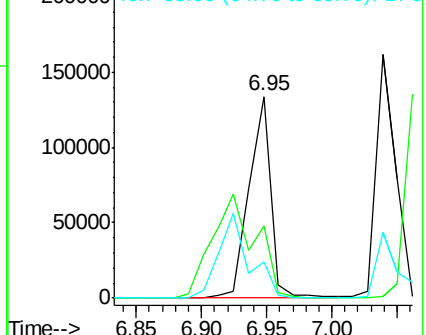
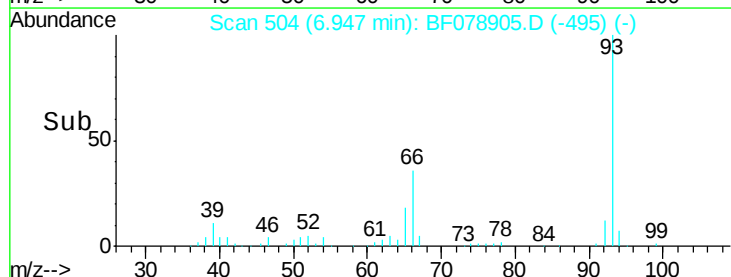
65 17.9 14.6 22.0

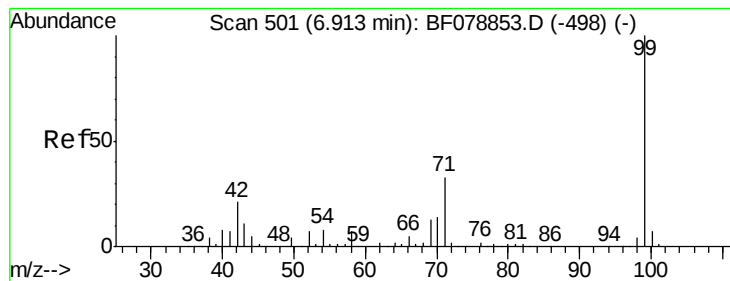


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 13400.62 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

Instrument :

BNA_F

ClientSampleId :

PB83061BS

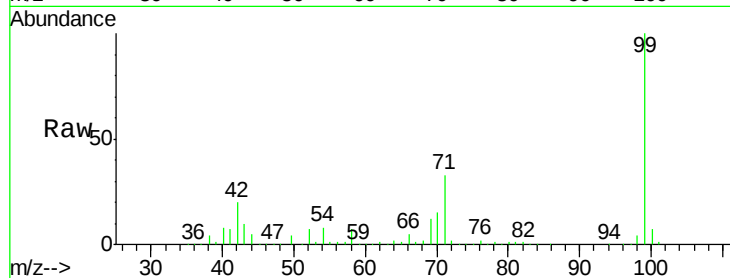
Tot Ion: 99 Resp: 630791

Ion Ratio Lower Upper

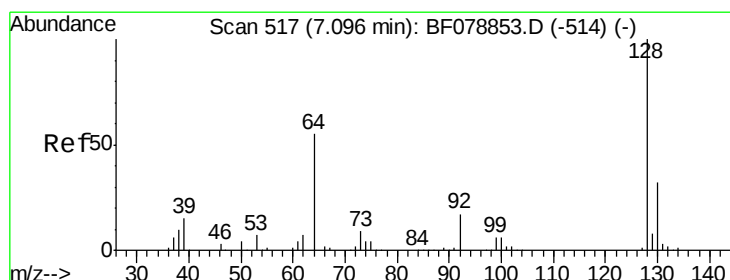
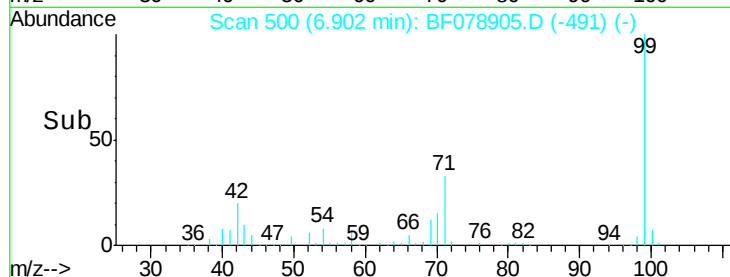
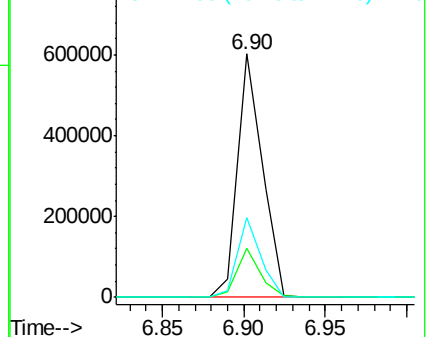
99 100

42 20.2 12.8 19.2#

71 32.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 4489.79 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

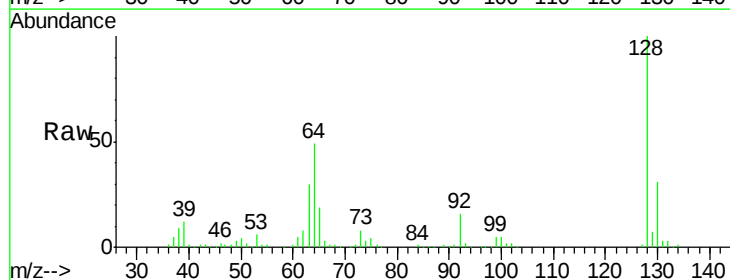
Tgt Ion: 128 Resp: 181344

Ion Ratio Lower Upper

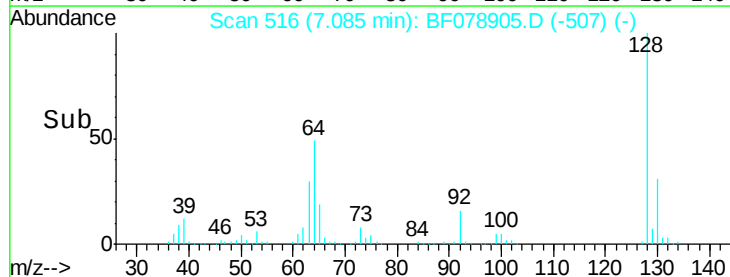
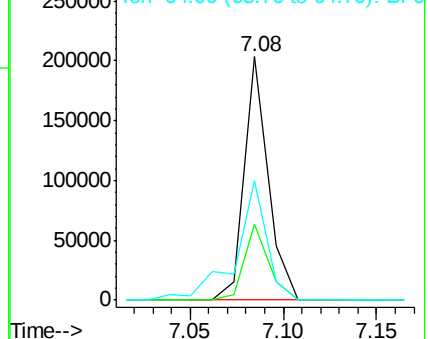
128 100

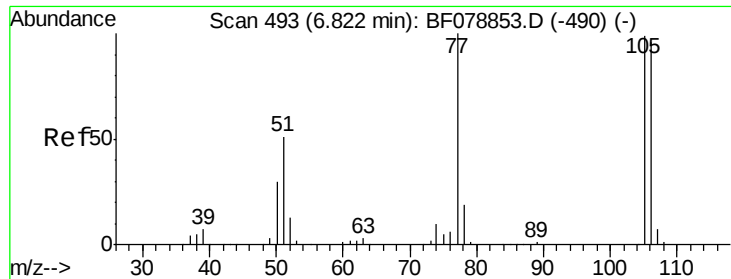
130 31.4 12.1 52.1

64 49.3 29.6 69.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2320.37 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

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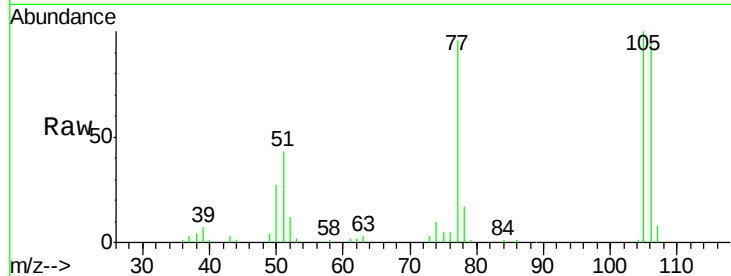
Tot Ion: 77 Resp: 73582

Ion Ratio Lower Upper

77 100

105 104.1 81.7 121.7

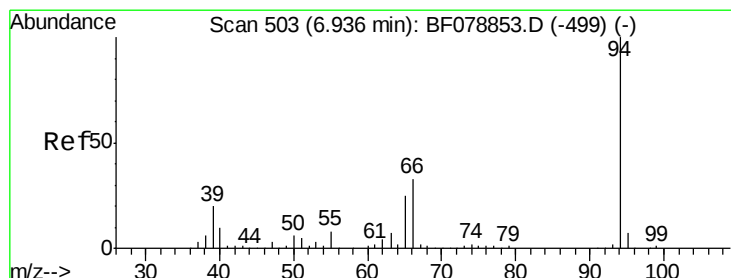
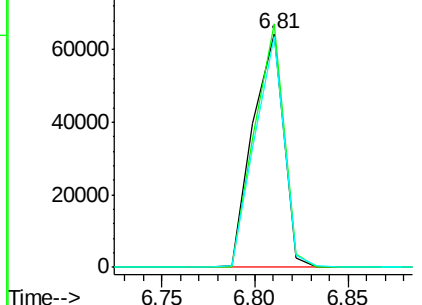
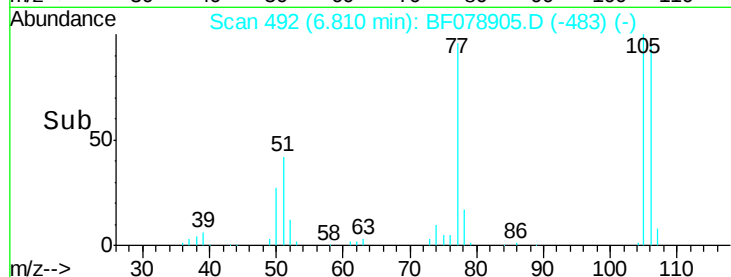
106 99.0 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 4218.36 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

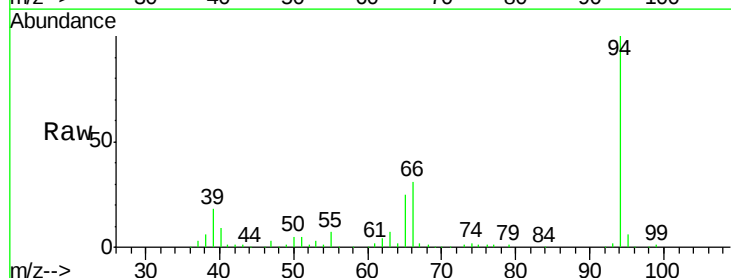
Tgt Ion: 94 Resp: 230347

Ion Ratio Lower Upper

94 100

65 25.2 8.5 48.5

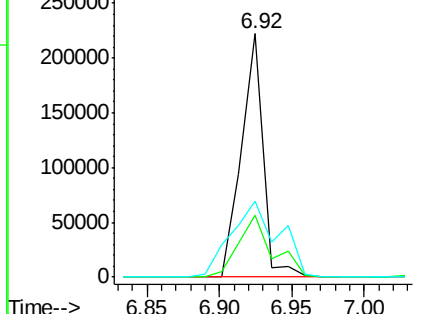
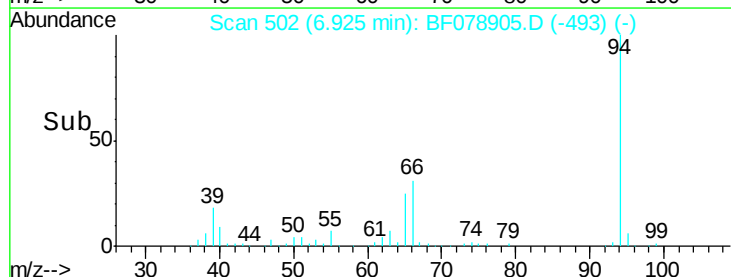
66 31.2 16.0 56.0

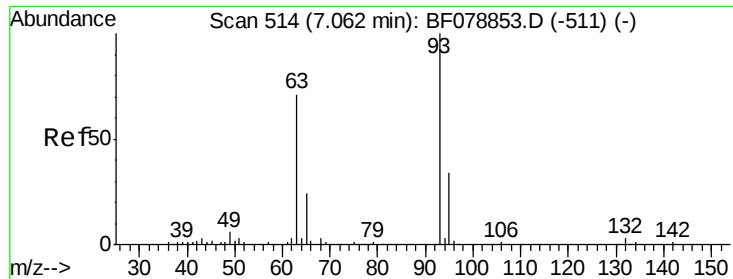


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

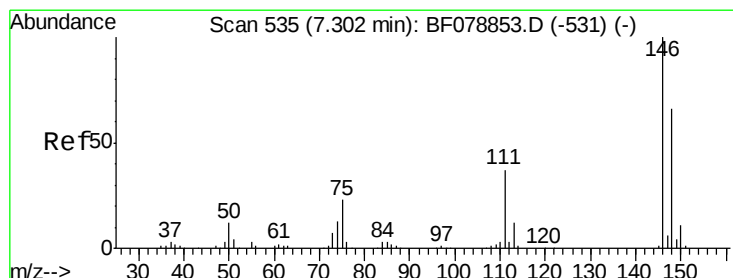
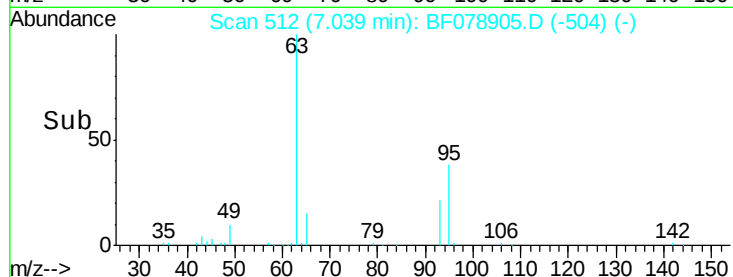
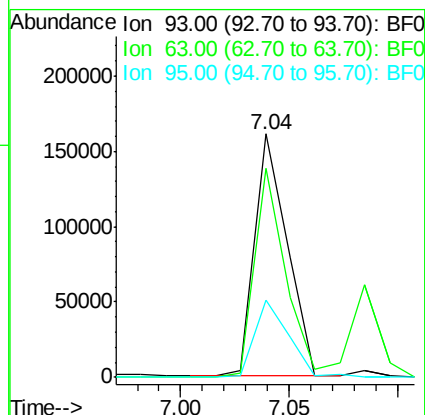
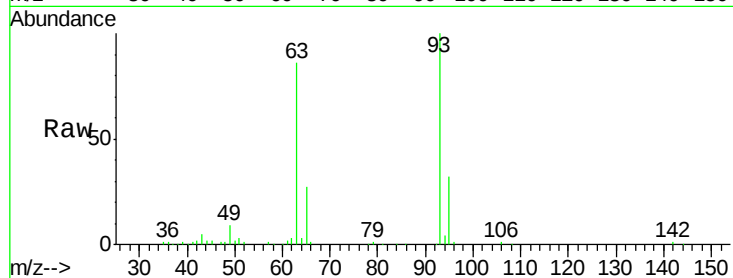




#11
bis(2-Chloroethyl)ether
Concen: 4150.54 ng
RT: 7.04 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

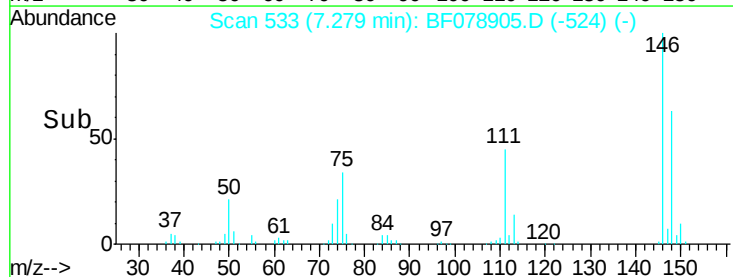
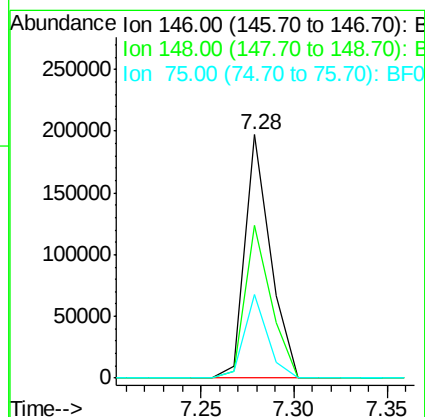
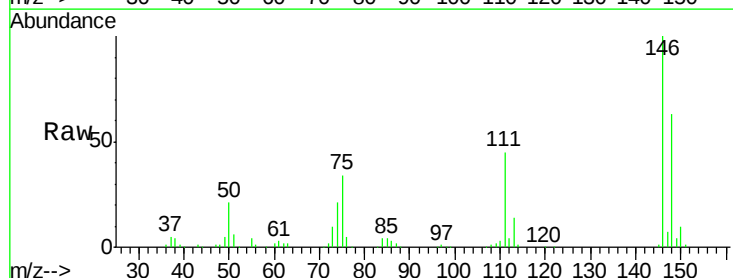
Instrument :
BNA_F
ClientSampleId :
PB83061BS

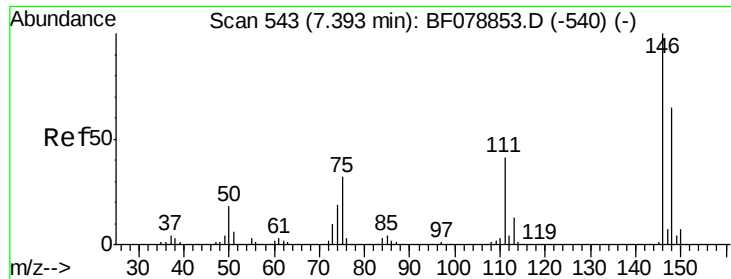
Tot Ion: 93 Resp: 166149
Ion Ratio Lower Upper
93 100
63 85.7 64.8 104.8
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 4144.12 ng
RT: 7.28 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Tgt Ion: 146 Resp: 188136
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.2
75 34.3 29.2 43.8

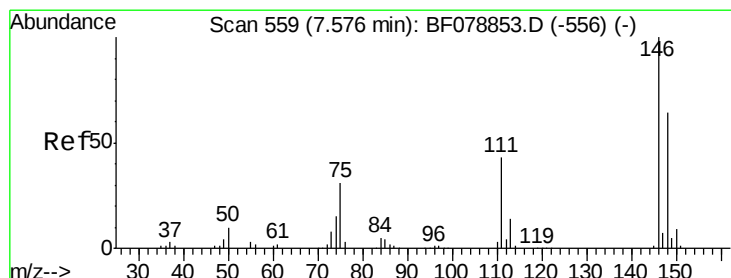
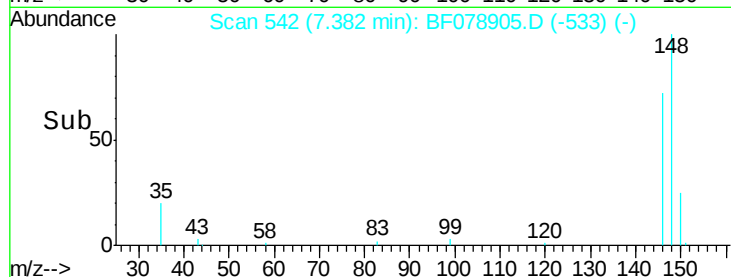
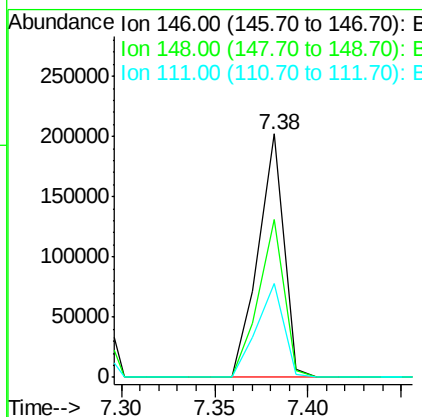
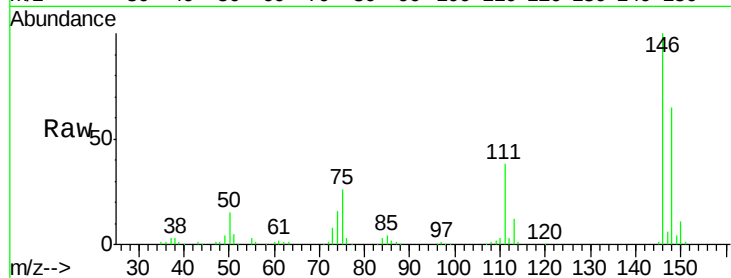




#13
 1,4-Dichlorobenzene
 Concen: 4130.57 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078905.D
 Acq: 1 May 2015 21:12

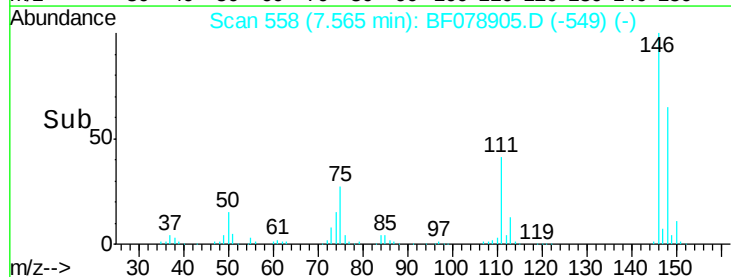
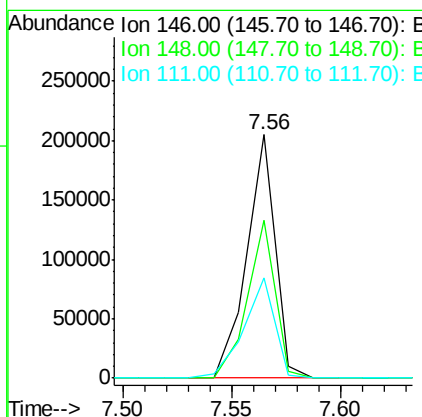
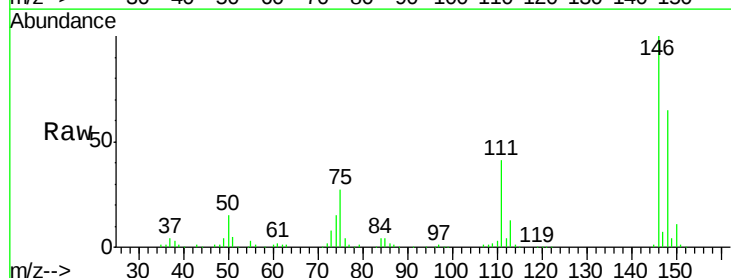
Instrument :
 BNA_F
 ClientSampleId :
 PB83061BS

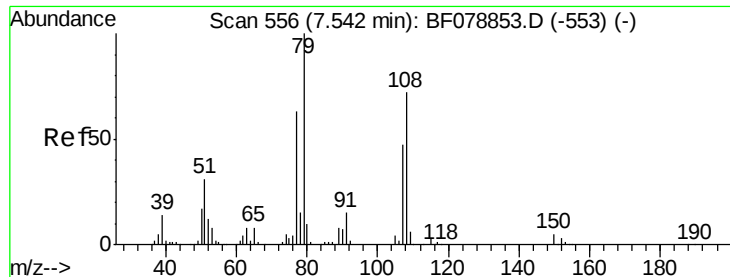
Tot Ion:146 Resp: 192980
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.8 79.2
 111 38.3 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 4259.08 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF078905.D
 Acq: 1 May 2015 21:12

Tgt Ion:146 Resp: 185244
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.2 76.8
 111 41.0 33.3 49.9





#15

Benzyl Alcohol

Concen: 4228.59 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

Instrument :

BNA_F

ClientSampleId :

PB83061BS

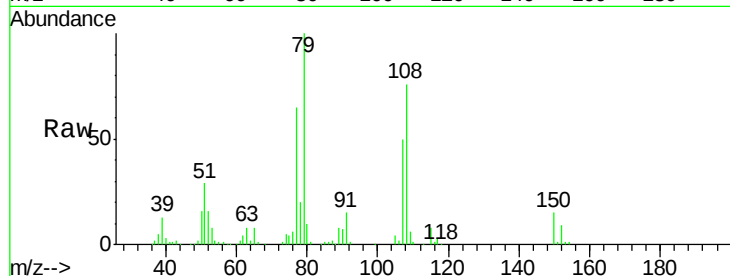
Tot Ion: 79 Resp: 147761

Ion Ratio Lower Upper

79 100

108 76.4 62.5 93.7

77 64.7 52.2 78.4



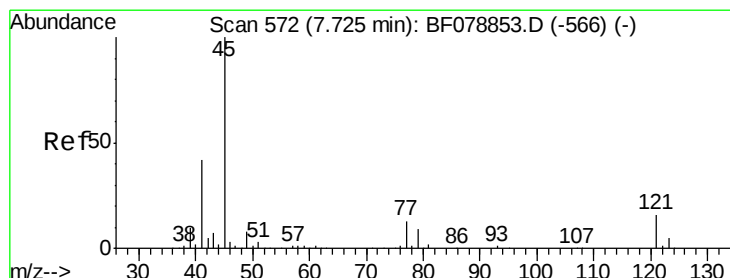
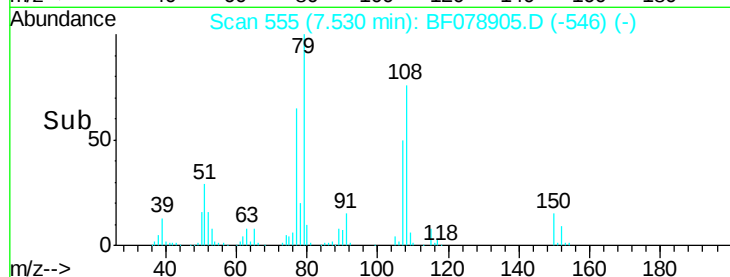
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

7.53

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 4350.40 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

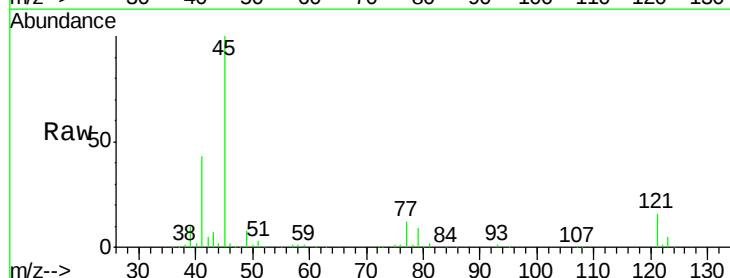
Tgt Ion: 45 Resp: 266439

Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.3

79 9.5 0.0 30.1



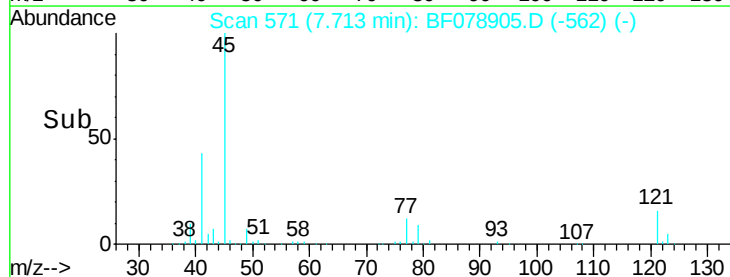
Abundance Ion 45.00 (44.70 to 45.70): BF0

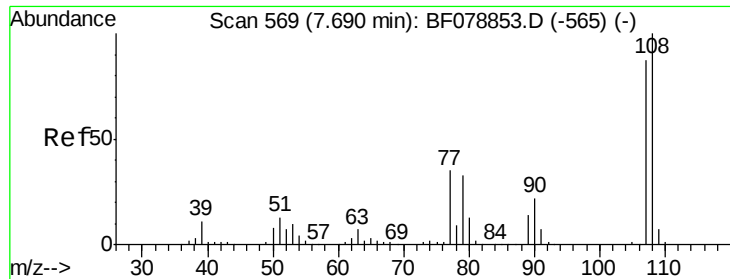
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

7.71

Time-->

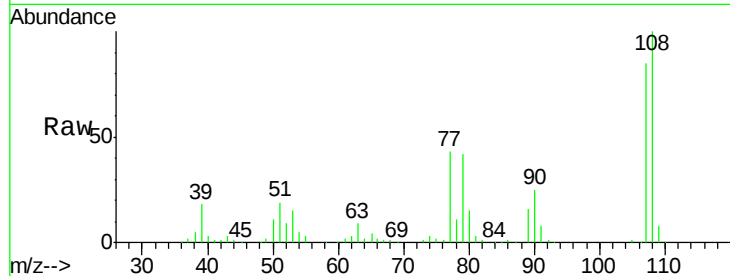




#17
2-Methylphenol
Concen: 4351.26 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Instrument :
BNA_F
ClientSampleId :
PB83061BS

Tot Ion:	107	Resp:	141429
Ion	Ratio	Lower	Upper
107	100		
108	117.3	94.9	142.3
77	51.0	36.2	54.4
79	49.3	35.2	52.8



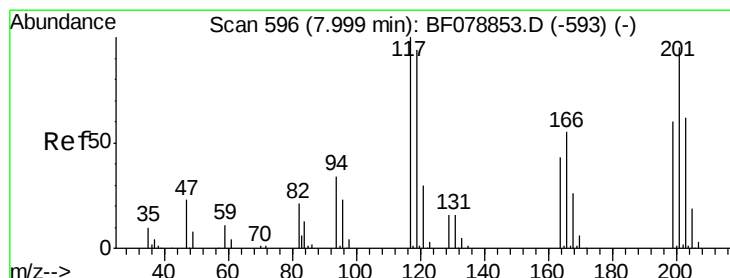
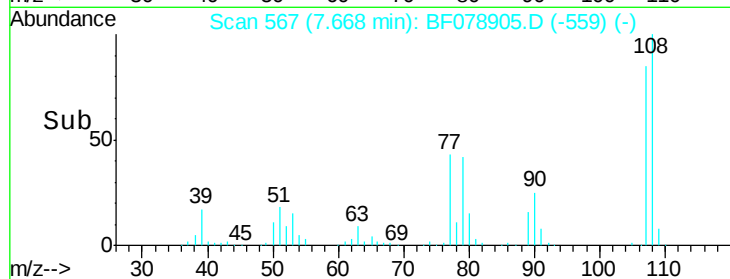
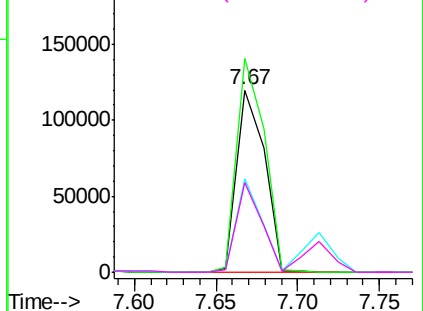
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

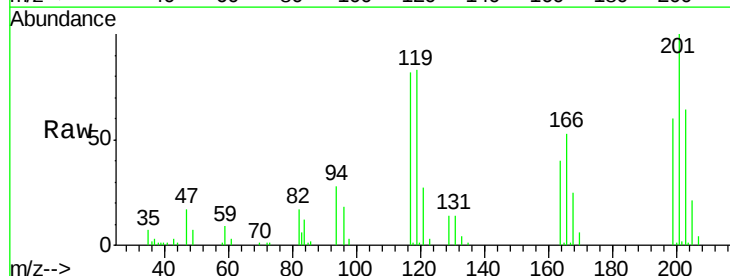
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 4027.68 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Tgt Ion:	117	Resp:	64815
Ion	Ratio	Lower	Upper
117	100		
119	101.6	75.4	113.0
201	121.7	83.2	124.8

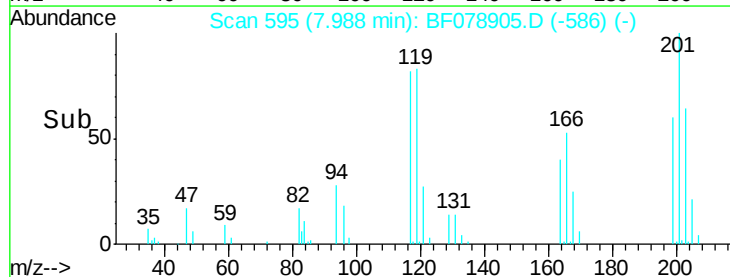
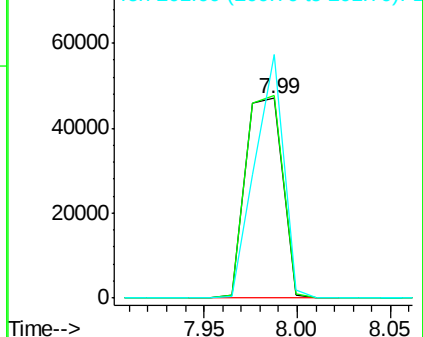


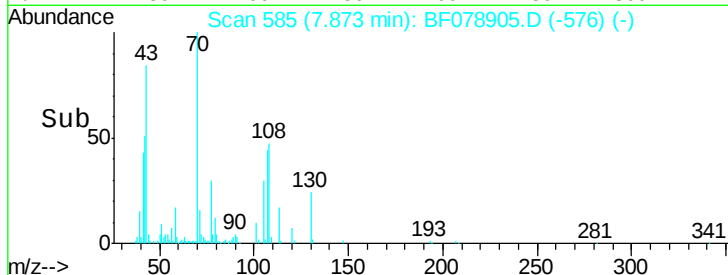
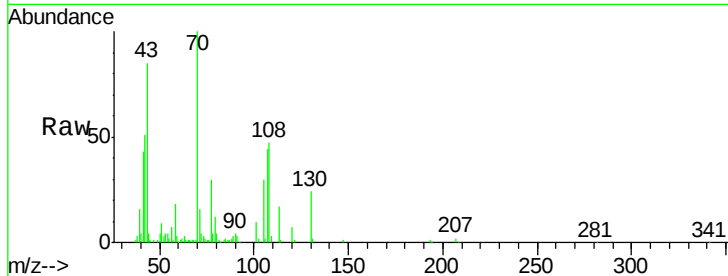
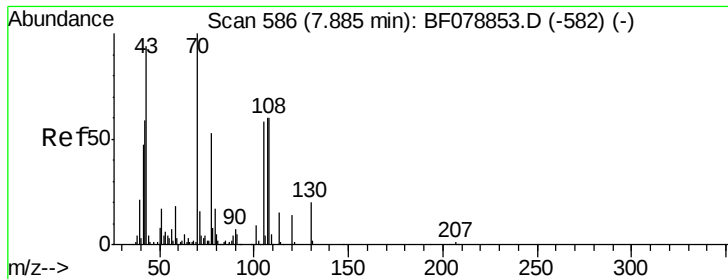
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

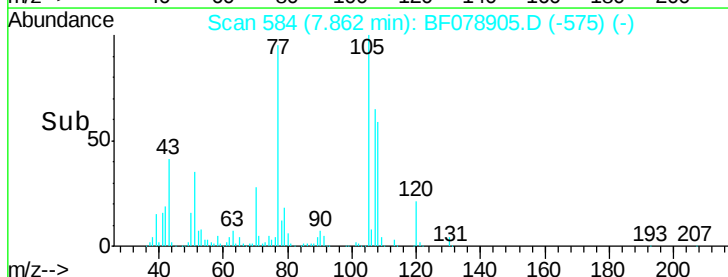
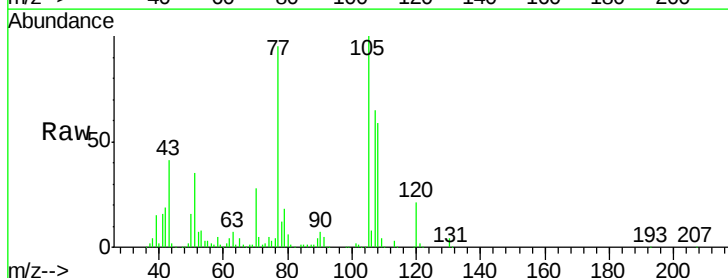
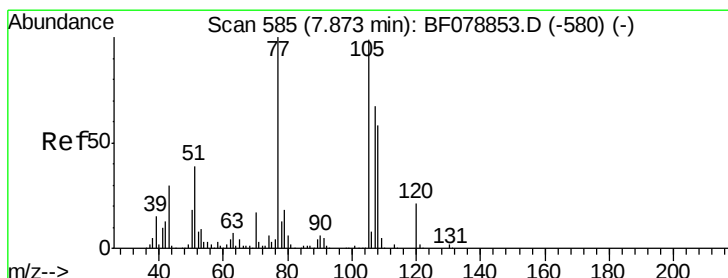
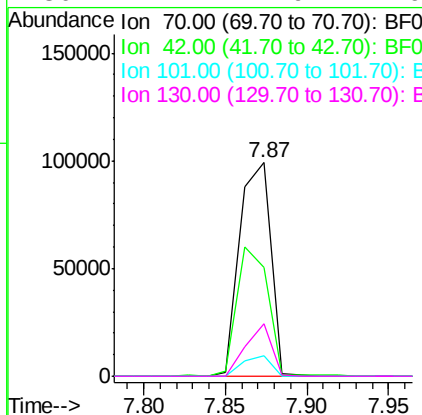




#19
n-Nitroso-di-n-propylamine
Concen: 4103.83 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

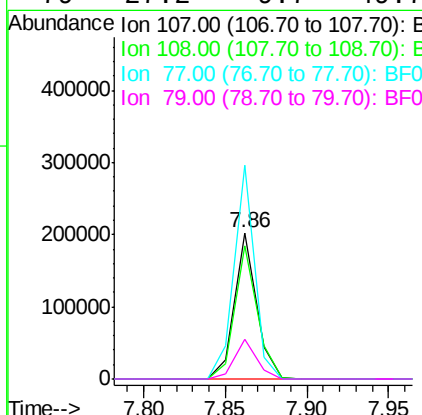
Instrument :
BNA_F
ClientSampleId :
PB83061BS

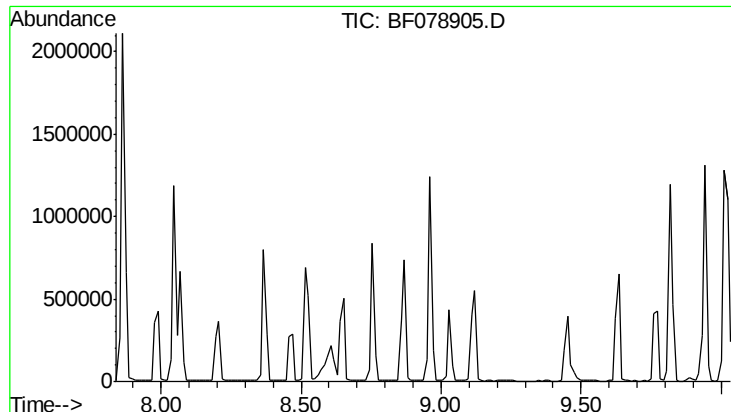
Tot Ion:	70	Resp:	130476
Ion	Ratio	Lower	Upper
70	100		
42	51.1	55.4	83.0#
101	9.6	6.6	10.0
130	24.4	11.9	17.9#



#20
3+4-Methylphenols
Concen: 4384.67 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Tgt Ion:	107	Resp:	189897
Ion	Ratio	Lower	Upper
107	100		
108	91.0	76.9	116.9
77	146.2	136.8	176.8
79	27.2	9.7	49.7

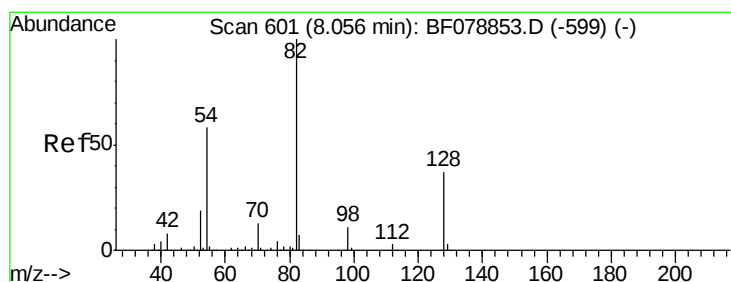
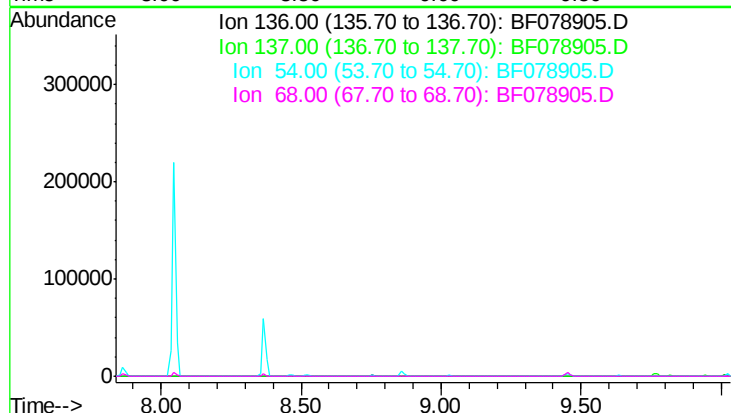




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.94 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

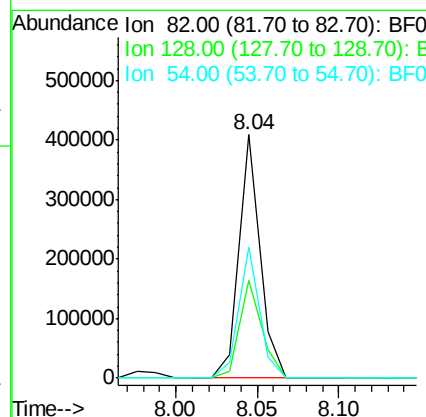
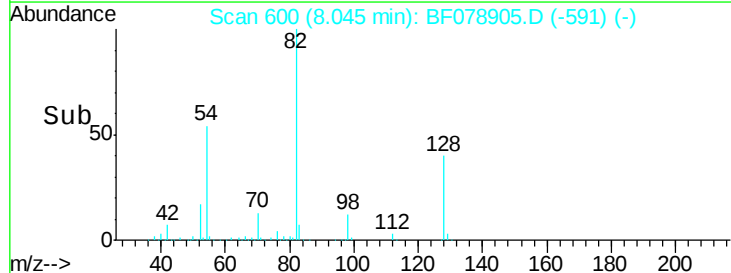
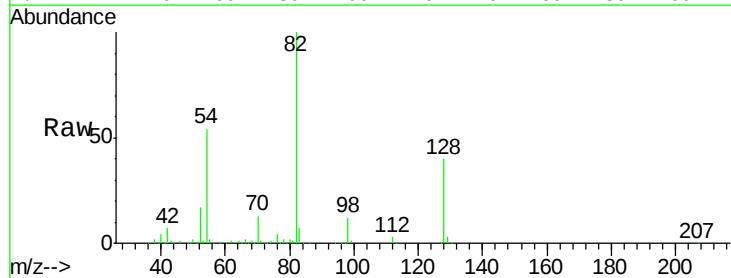
Instrument :
BNA_F
ClientSampleId :
PB83061BS

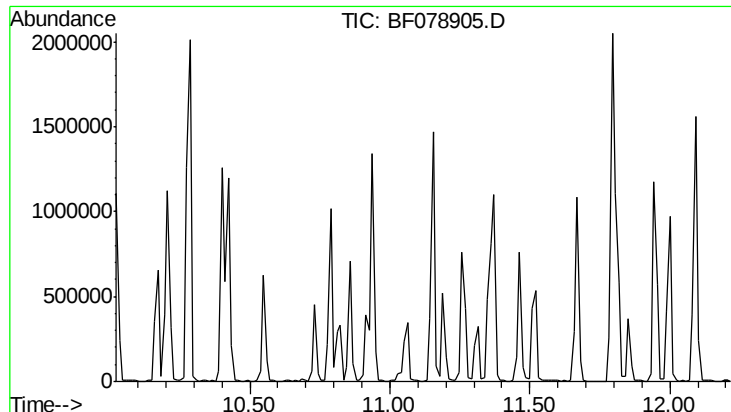
Tot Ion: 136
Sig Exp Ratio
136 100
137 10.9
54 7.3
68 5.3



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Tgt Ion: 82 Resp: 362589
Ion Ratio Lower Upper
82 100
128 40.1 30.0 45.0
54 53.7 46.4 69.6





#38

Acenaphthene-d10

Concen: 0.00 ng

Expected RT: 11.12 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

Instrument :

BNA_F

ClientSampleId :

PB83061BS

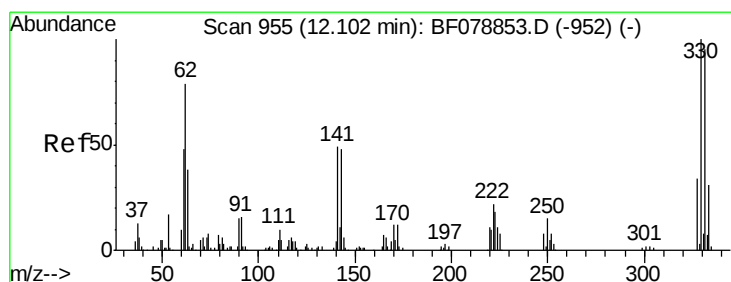
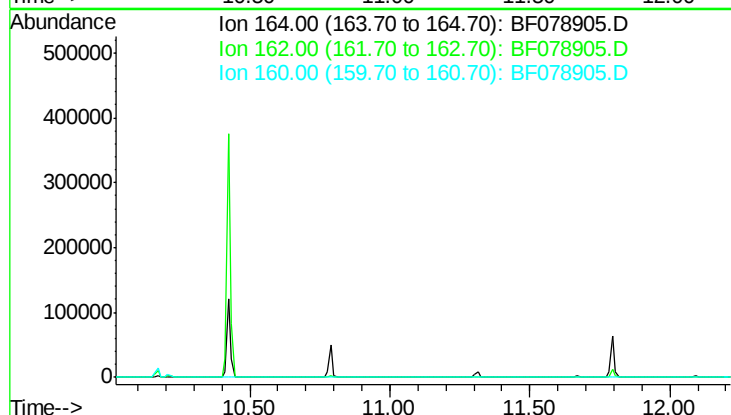
Tot Ion: 164

Sig Exp Ratio

164 100

162 103.4

160 44.8



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

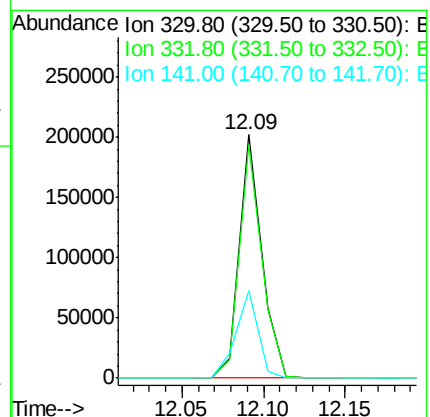
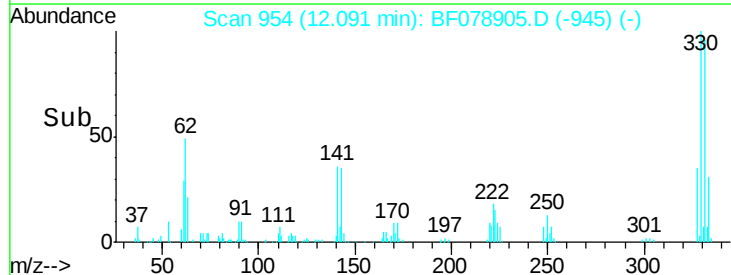
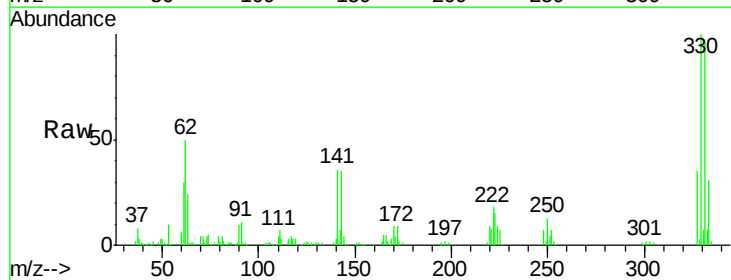
Tgt Ion: 330 Resp: 191955

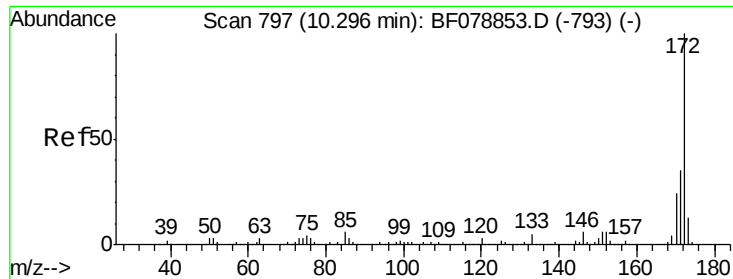
Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

141 35.1 0.0 0.0#

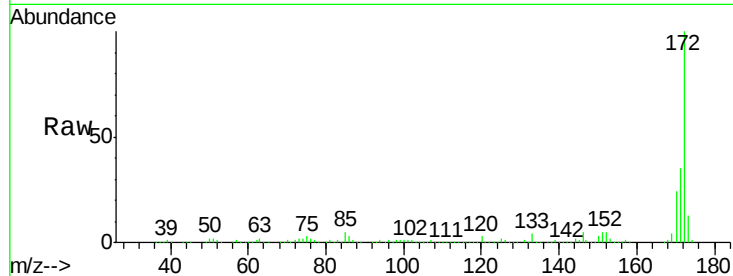




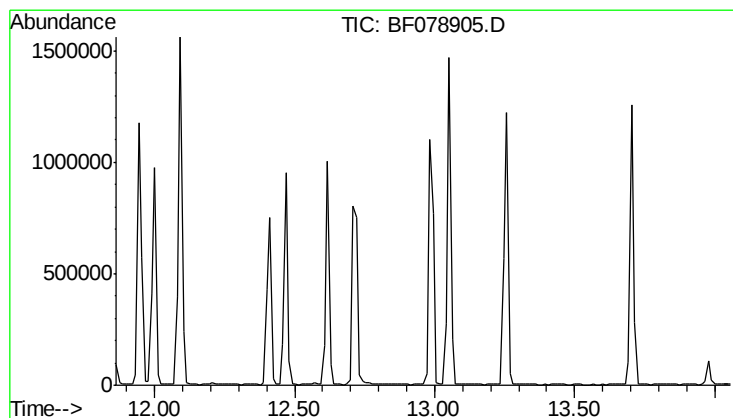
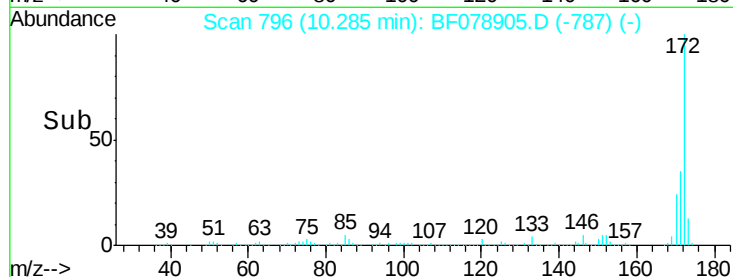
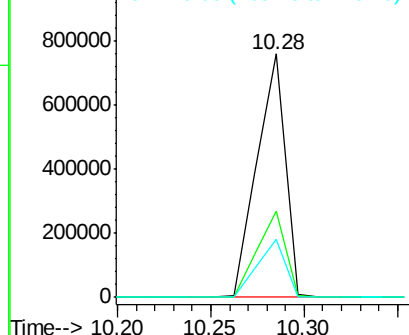
#44
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 10.28 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Instrument :
BNA_F
ClientSampleId :
PB83061BS

Tot Ion:172 Resp: 793384
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 24.0 19.4 29.0



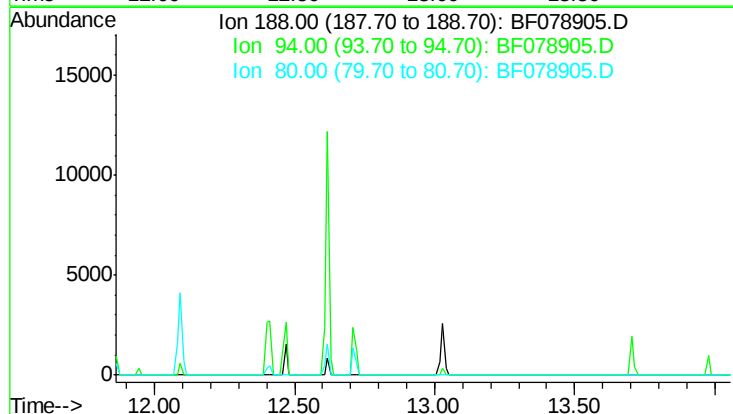
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

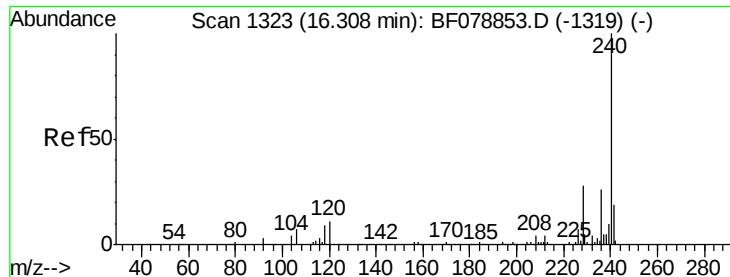


#63
Phenanthrene-d10
Concen: 0.00 ng
Expected RT: 12.96 min

Lab File: BF078905.D
Acq: 1 May 2015 21:12

Tgt Ion: 188
Sig Exp Ratio
188 100
94 10.2
80 11.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

Instrument :

BNA_F

ClientSampleId :

PB83061BS

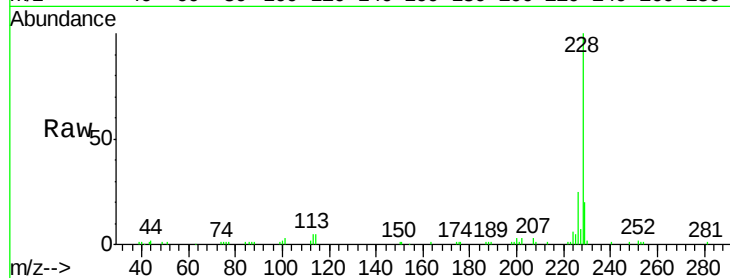
Tot Ion:240 Resp: 307

Ion Ratio Lower Upper

240 100

120 0.0 9.7 14.5#

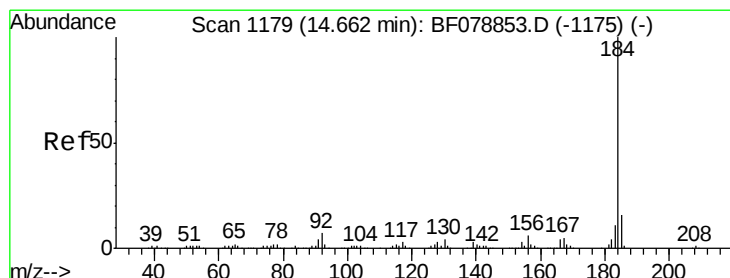
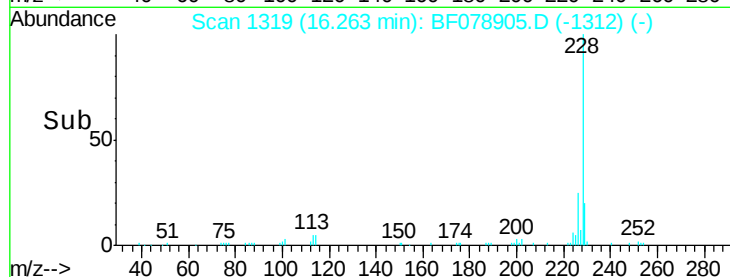
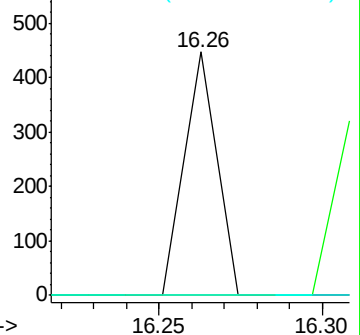
236 0.0 20.2 30.4#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24952.80 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

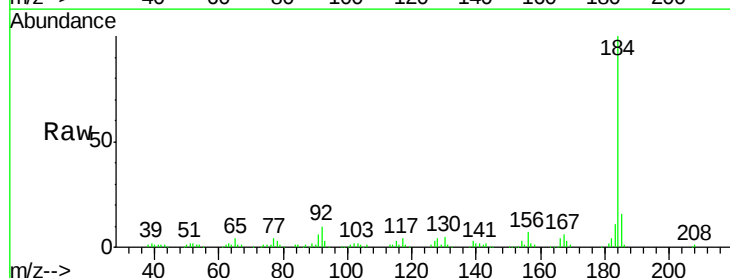
Tgt Ion:184 Resp: 206458

Ion Ratio Lower Upper

184 100

185 15.6 12.3 18.5

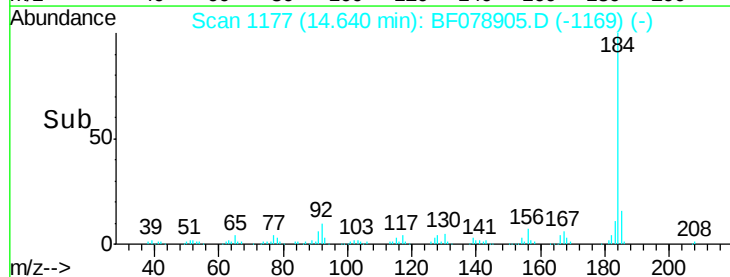
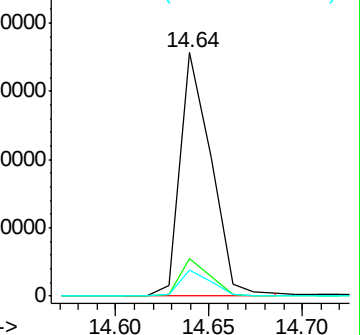
183 10.6 8.4 12.6

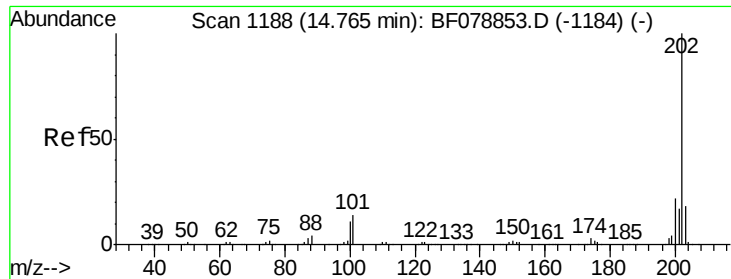


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

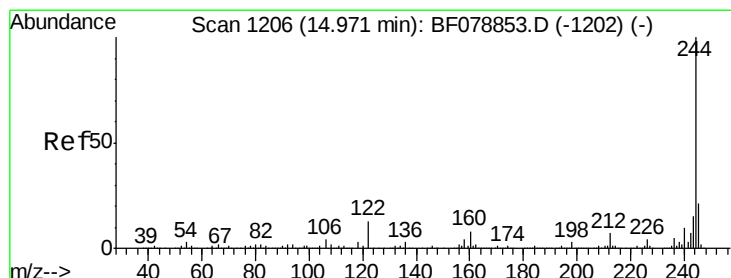
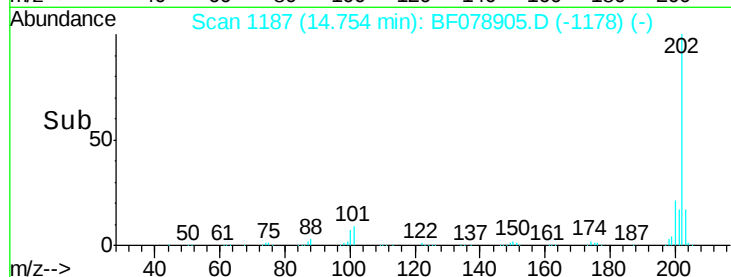
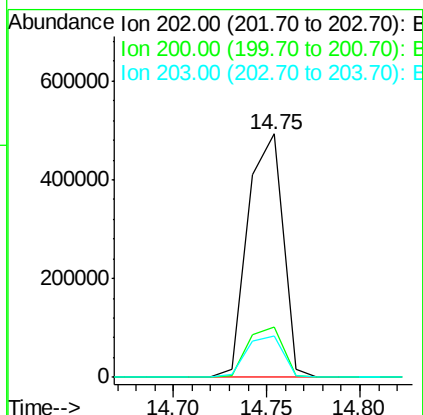
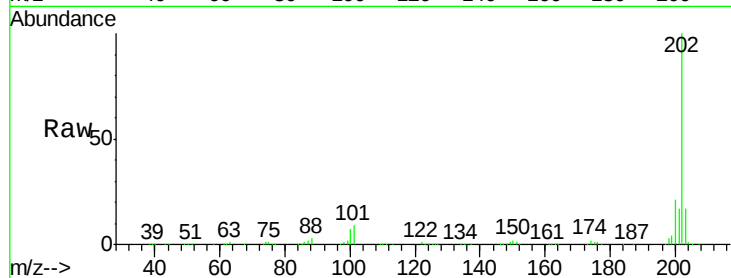




#77
Pvrene
Concen: 36372.32 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

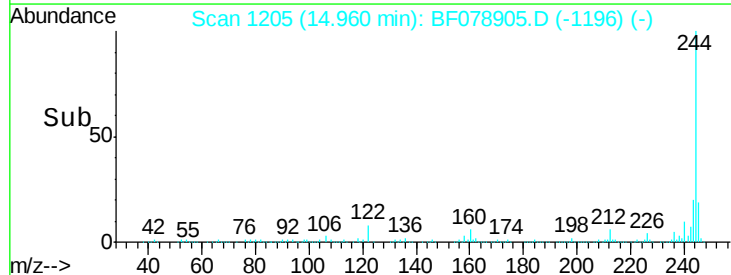
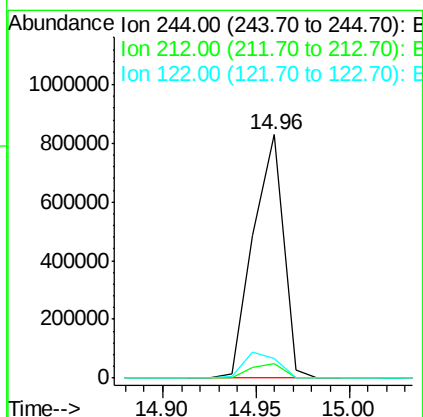
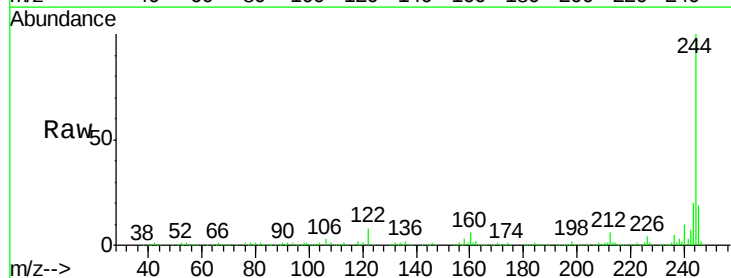
Instrument :
BNA_F
ClientSampleId :
PB83061BS

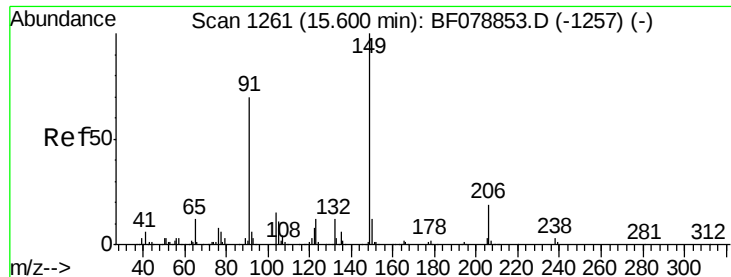
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	17.2	13.9	20.9



#78
Terphenyl-d14
Concen: 72910.25 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	8.3	10.3	15.5

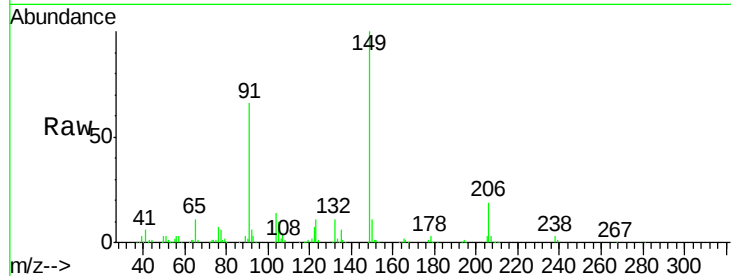




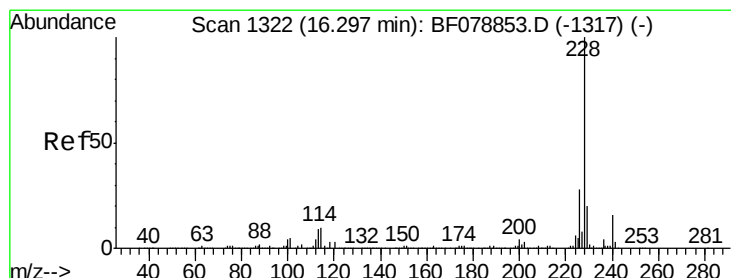
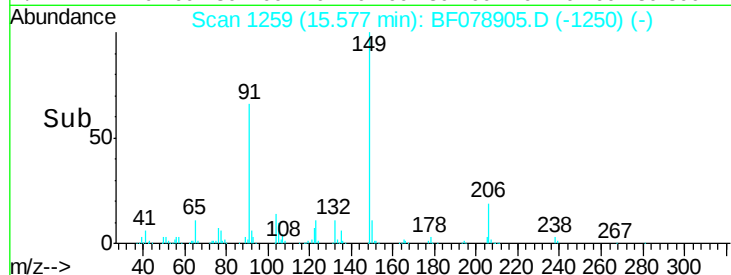
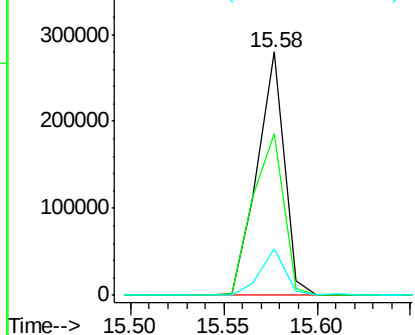
#79
Butylbenzylphthalate
Concen: 36462.77 ng
RT: 15.58 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Instrument :
BNA_F
ClientSampleId :
PB83061BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.2	64.6	97.0
206	18.8	12.2	18.4

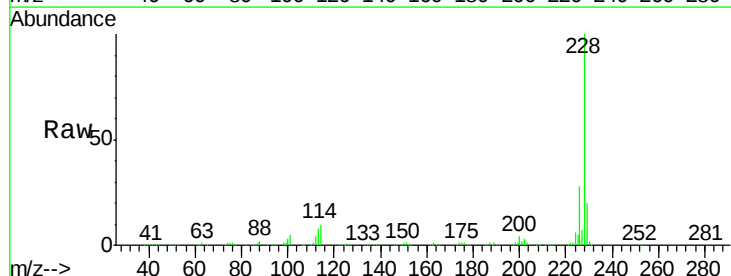


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

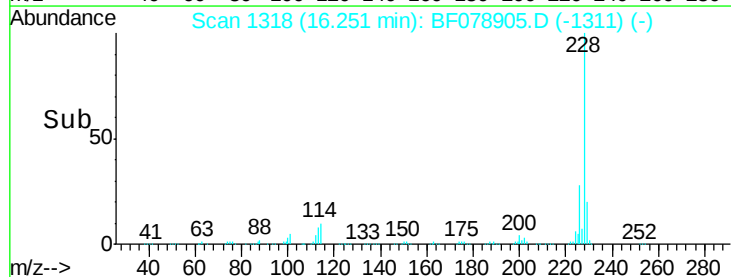
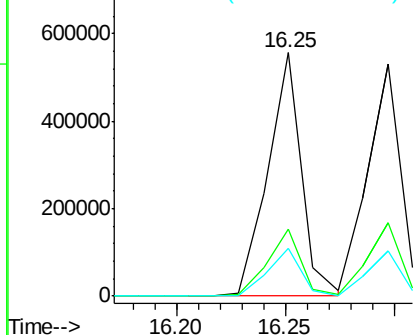


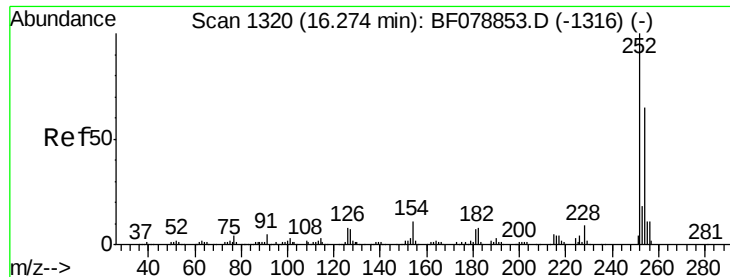
#80
Benzo(a)anthracene
Concen: 35854.65 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.9	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

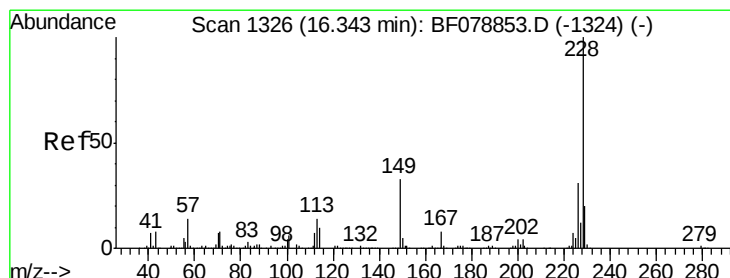
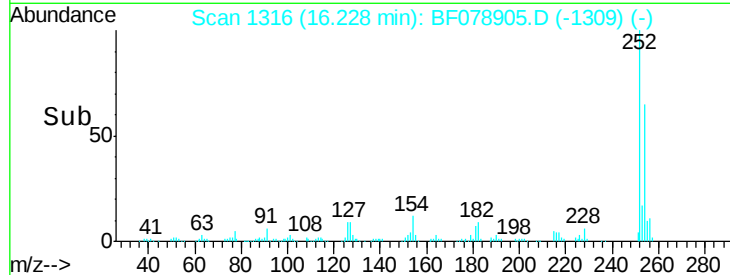
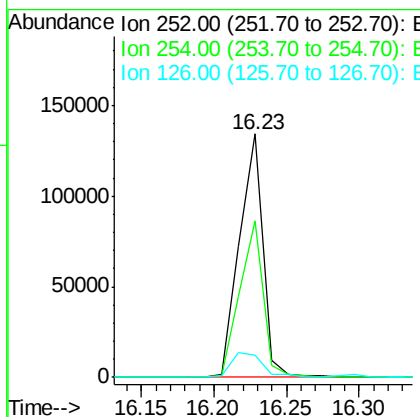
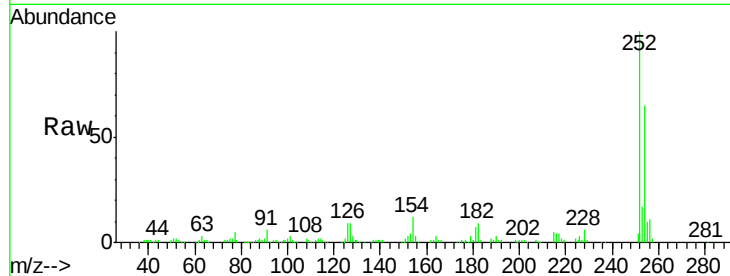




#81
 3,3'-Dichlorobenzidine
 Concen: 25353.42 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF078905.D
 Acq: 1 May 2015 21:12

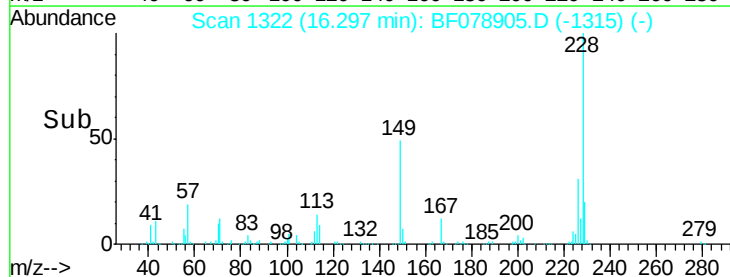
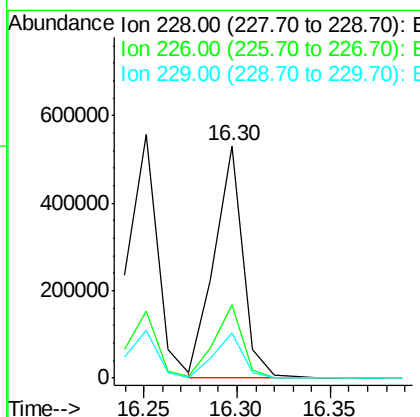
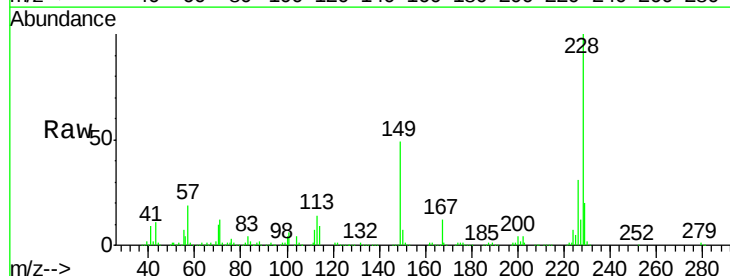
Instrument :
 BNA_F
 ClientSampleId :
 PB83061BS

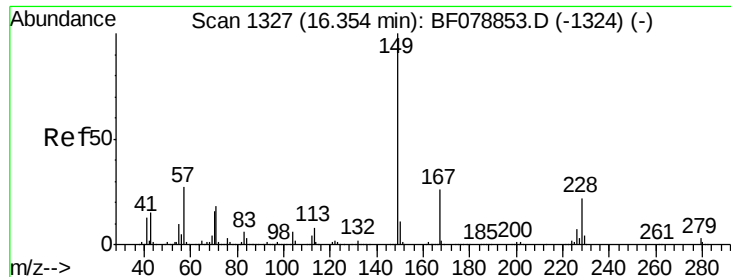
Tot Ion:252 Resp: 151824
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.3 76.9
 126 9.2 6.6 10.0



#82
 Chrysene
 Concen: 35117.96 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF078905.D
 Acq: 1 May 2015 21:12

Tgt Ion:228 Resp: 567838
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 19.7 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 36836.98 ng

RT: 16.31 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

Instrument :

BNA_F

ClientSampleId :

PB83061BS

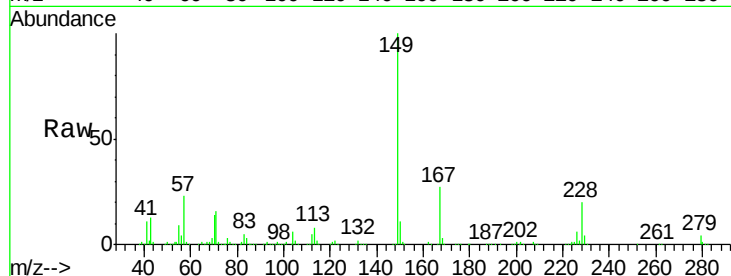
Tot Ion:149 Resp: 431470

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

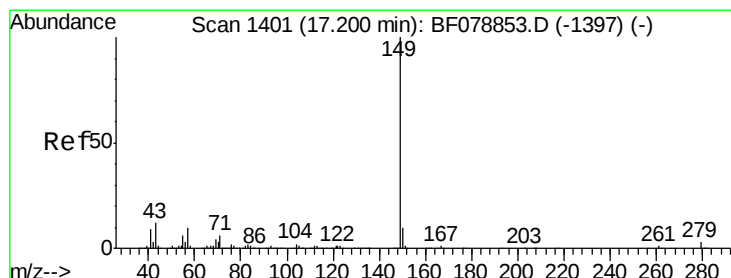
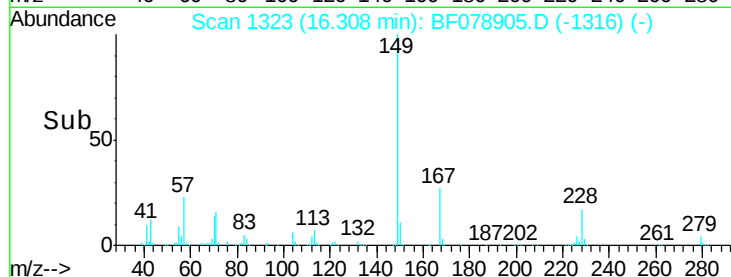
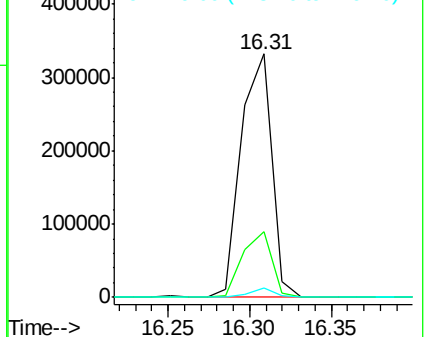
279 4.0 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34773.17 ng

RT: 17.12 min Scan# 1394

Delta R.T. -0.06 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

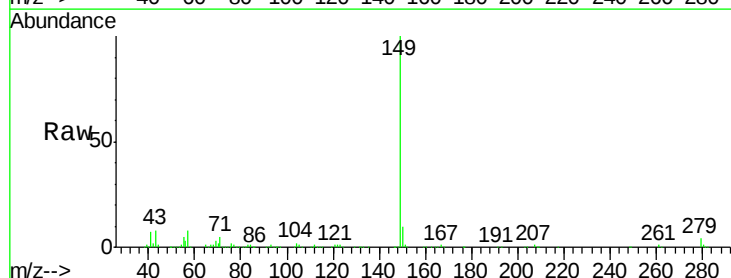
Tgt Ion:149 Resp: 717329

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

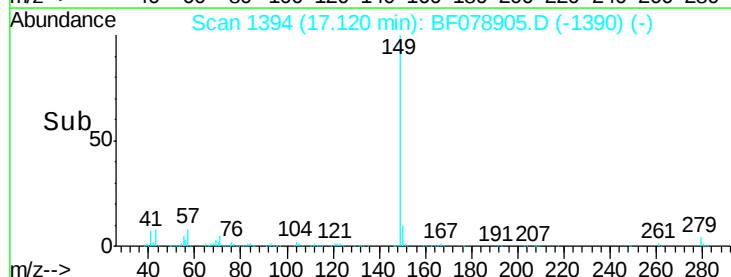
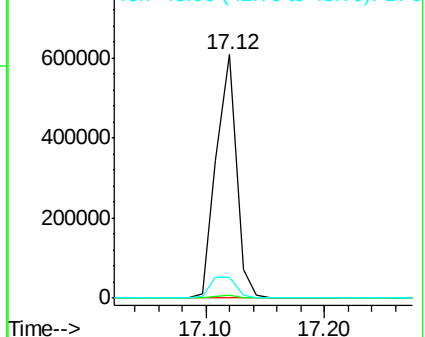
43 10.7 0.0 0.0#

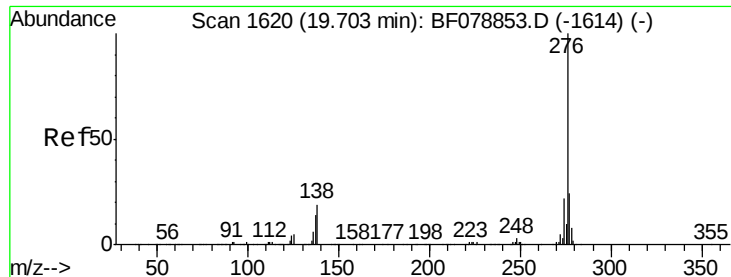


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

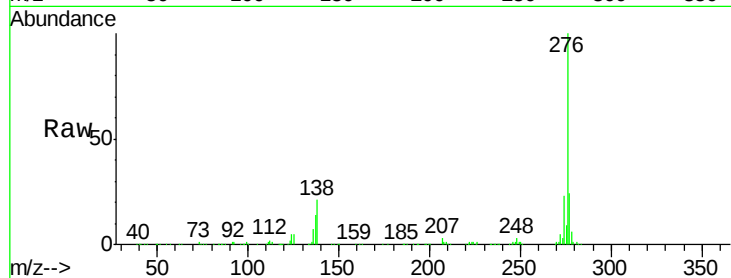




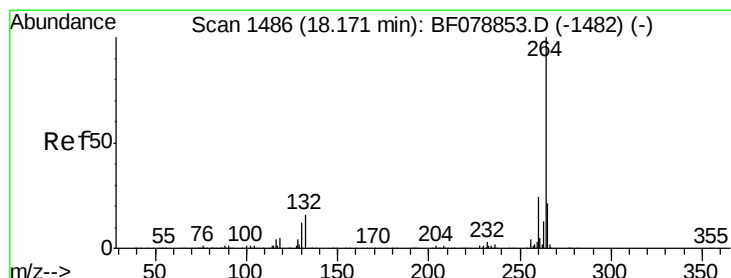
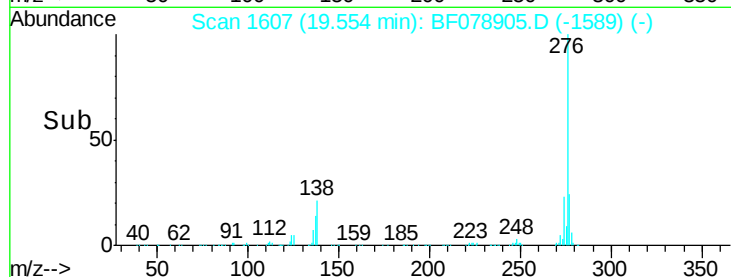
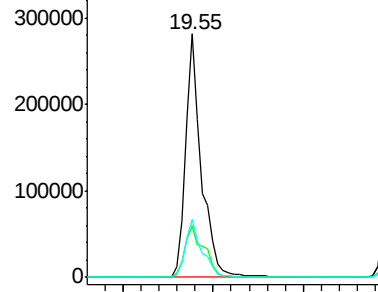
#85
Indeno(1,2,3-cd)pyrene
Concen: 33383.09 ng
RT: 19.55 min Scan# 1607
Delta R.T. -0.09 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Instrument :
BNA_F
ClientSampleId :
PB83061BS

Tot Ion:276 Resp: 687758
Ion Ratio Lower Upper
276 100
138 26.2 0.0 0.0#
277 24.9 0.0 0.0#

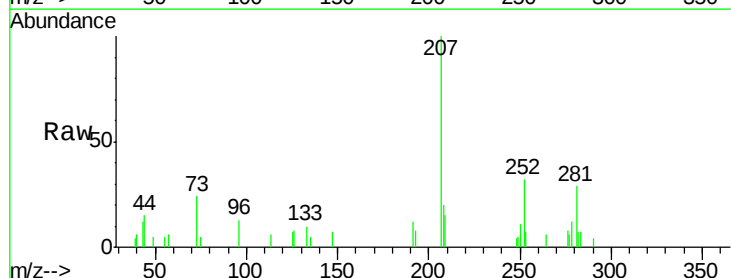


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

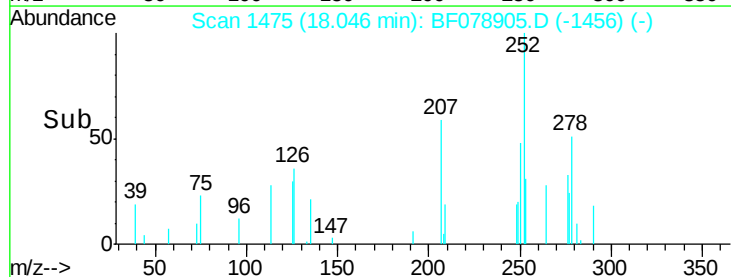
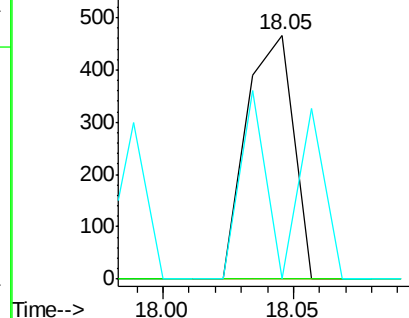


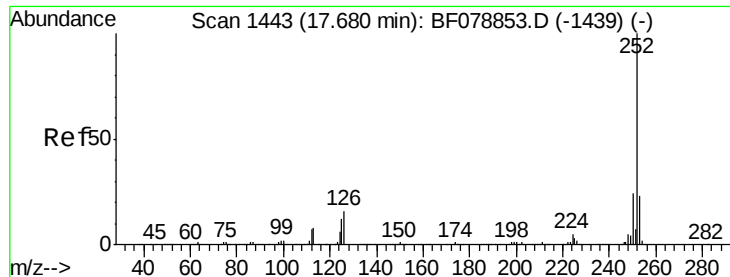
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.05 min Scan# 1475
Delta R.T. -0.08 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Tgt Ion:264 Resp: 587
Ion Ratio Lower Upper
264 100
260 0.0 19.4 29.2#
265 0.0 18.3 27.5#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

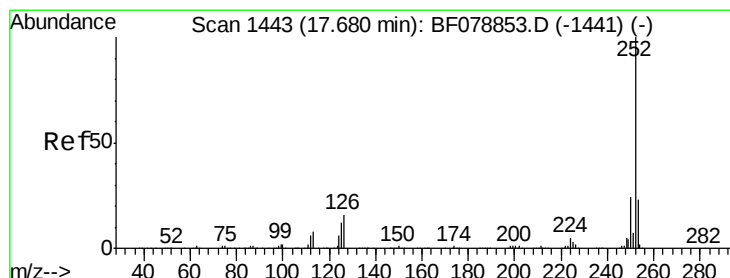
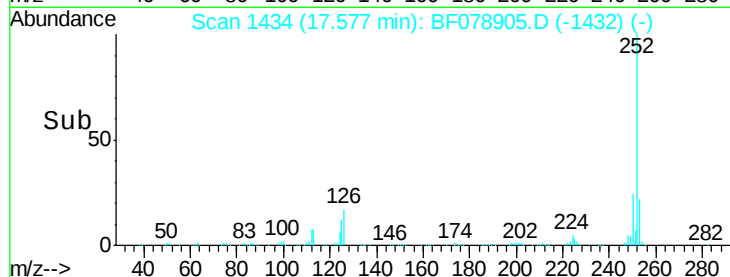
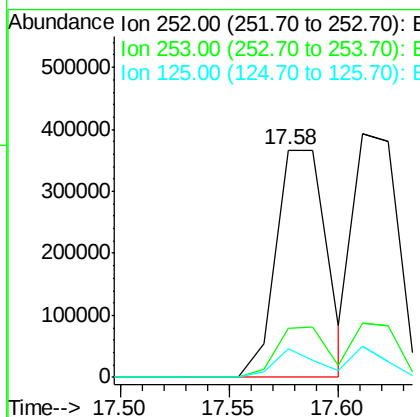
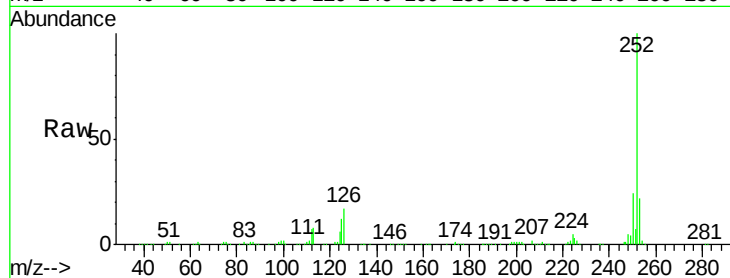




#87
Benzo(b)fluoranthene
Concen: 18578.65 ng
RT: 17.58 min Scan# 1434
Delta R.T. -0.08 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

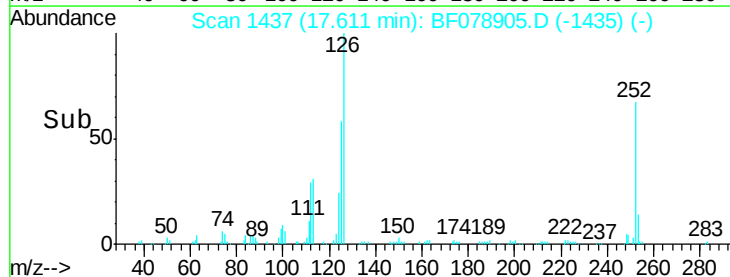
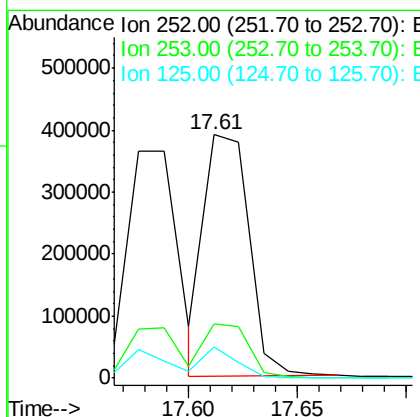
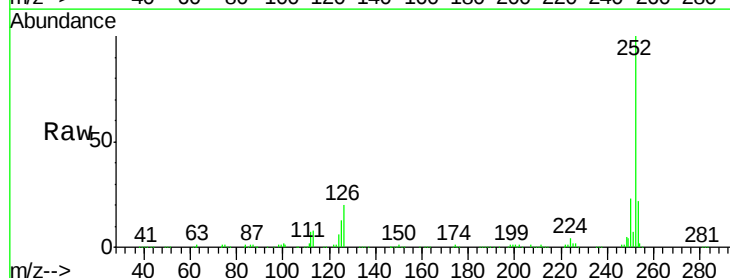
Instrument :
BNA_F
ClientSampleId :
PB83061BS

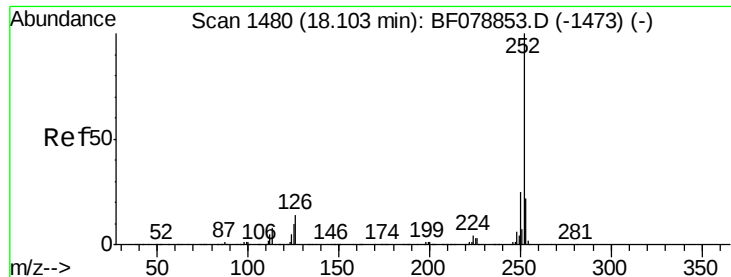
Tot Ion:252 Resp: 596924
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 12.4 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 18007.32 ng
RT: 17.61 min Scan# 1437
Delta R.T. -0.08 min
Lab File: BF078905.D
Acq: 1 May 2015 21:12

Tgt Ion:252 Resp: 560101
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.0 10.0 15.0





#89

Benzo(a)pyrene

Concen: 19069.95 ng

RT: 17.98 min Scan# 1469

Delta R.T. -0.08 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

Instrument :

BNA_F

ClientSampleId :

PB83061BS

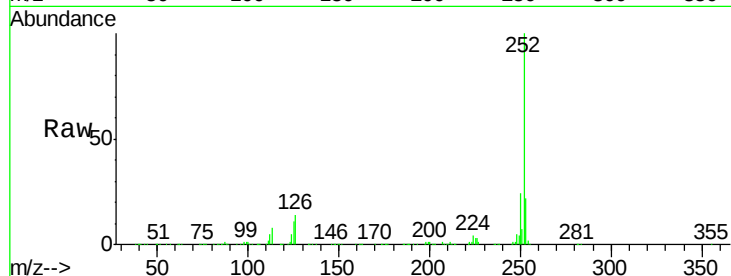
Tot Ion:252 Resp: 564171

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

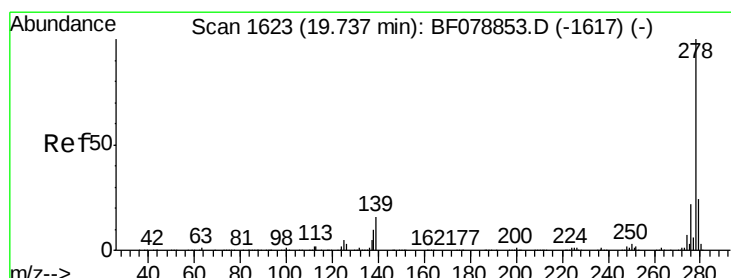
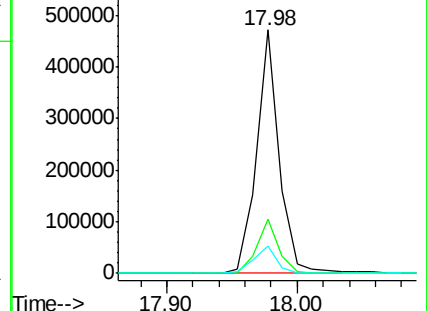
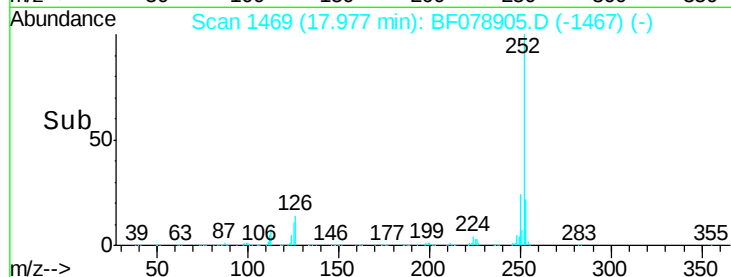
125 11.1 7.0 10.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 17648.98 ng

RT: 19.59 min Scan# 1610

Delta R.T. -0.09 min

Lab File: BF078905.D

Acq: 1 May 2015 21:12

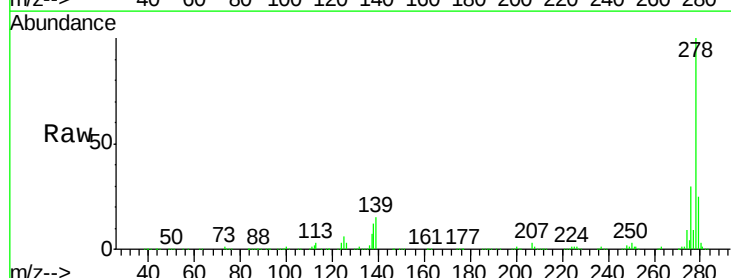
Tgt Ion:278 Resp: 554917

Ion Ratio Lower Upper

278 100

139 15.3 12.8 19.2

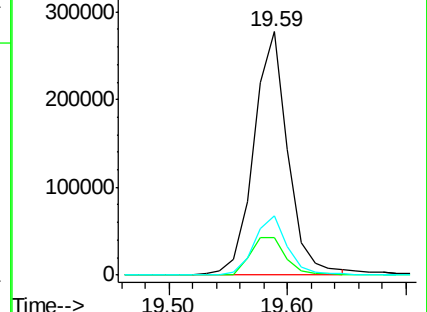
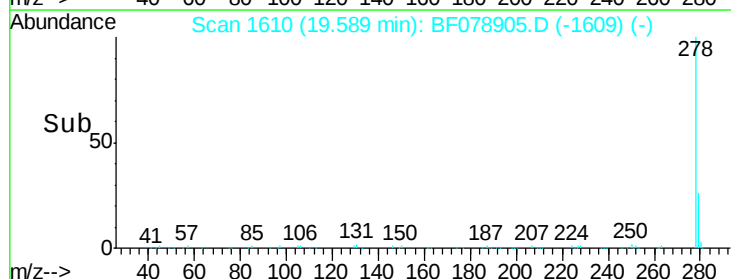
279 24.6 19.6 29.4

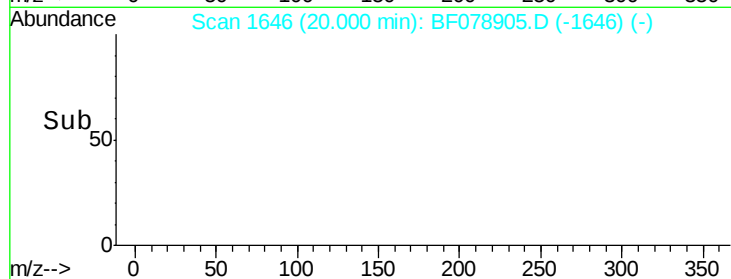
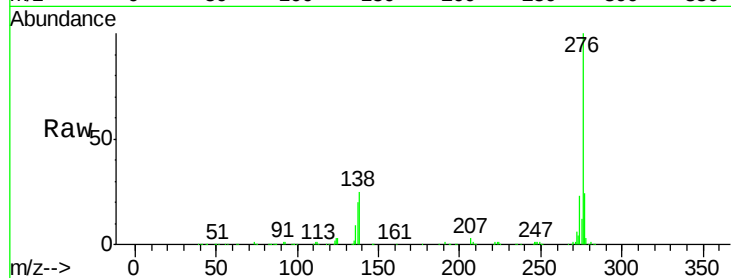
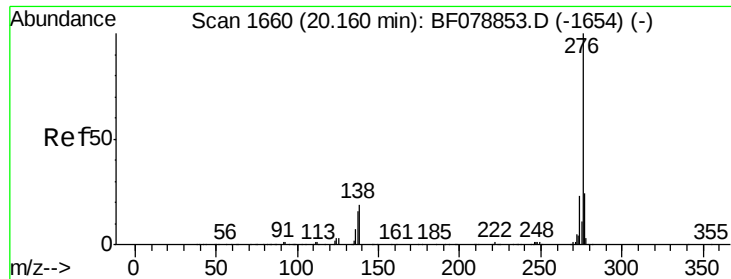


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 17976.97 ng
 RT: 20.00 min Scan# 1646
 Delta R.T. -0.10 min
 Lab File: BF078905.D
 Acq: 1 May 2015 21:12

Instrument :
 BNA_F
 ClientSampleId :
 PB83061BS

Tot Ion:	276	Resp:	566509
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	24.5	17.4	26.0

